

Network Storage System
90

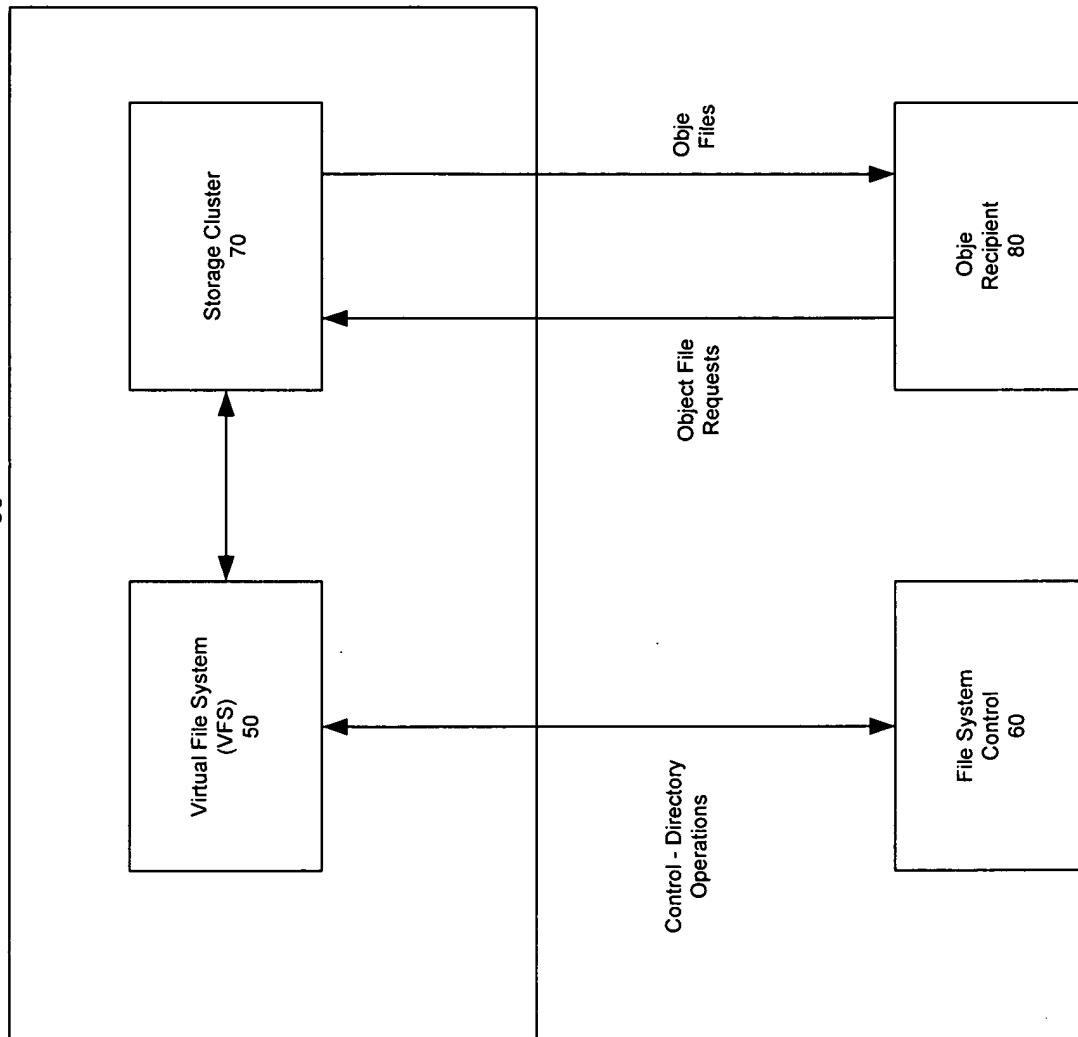


Figure 1

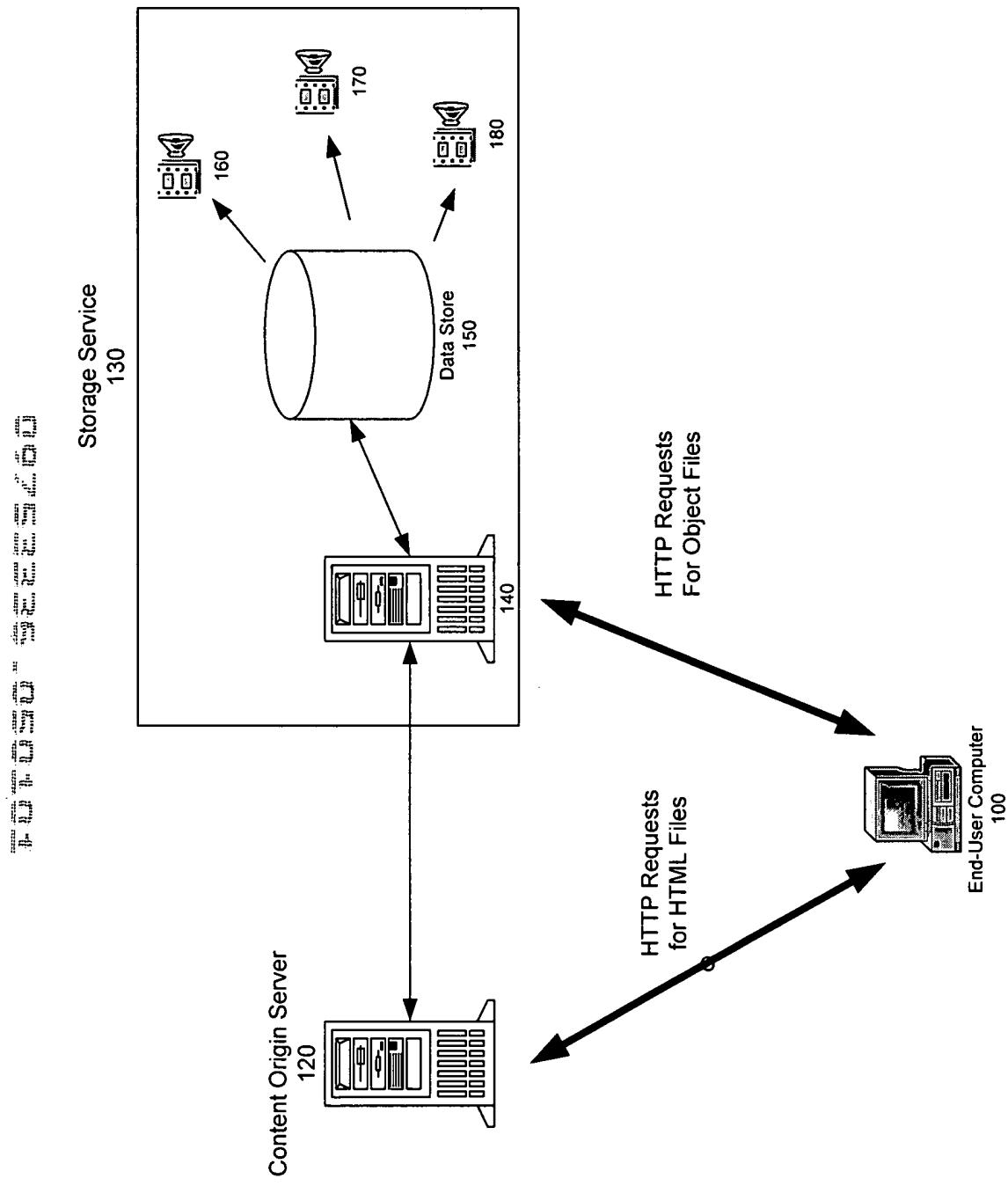
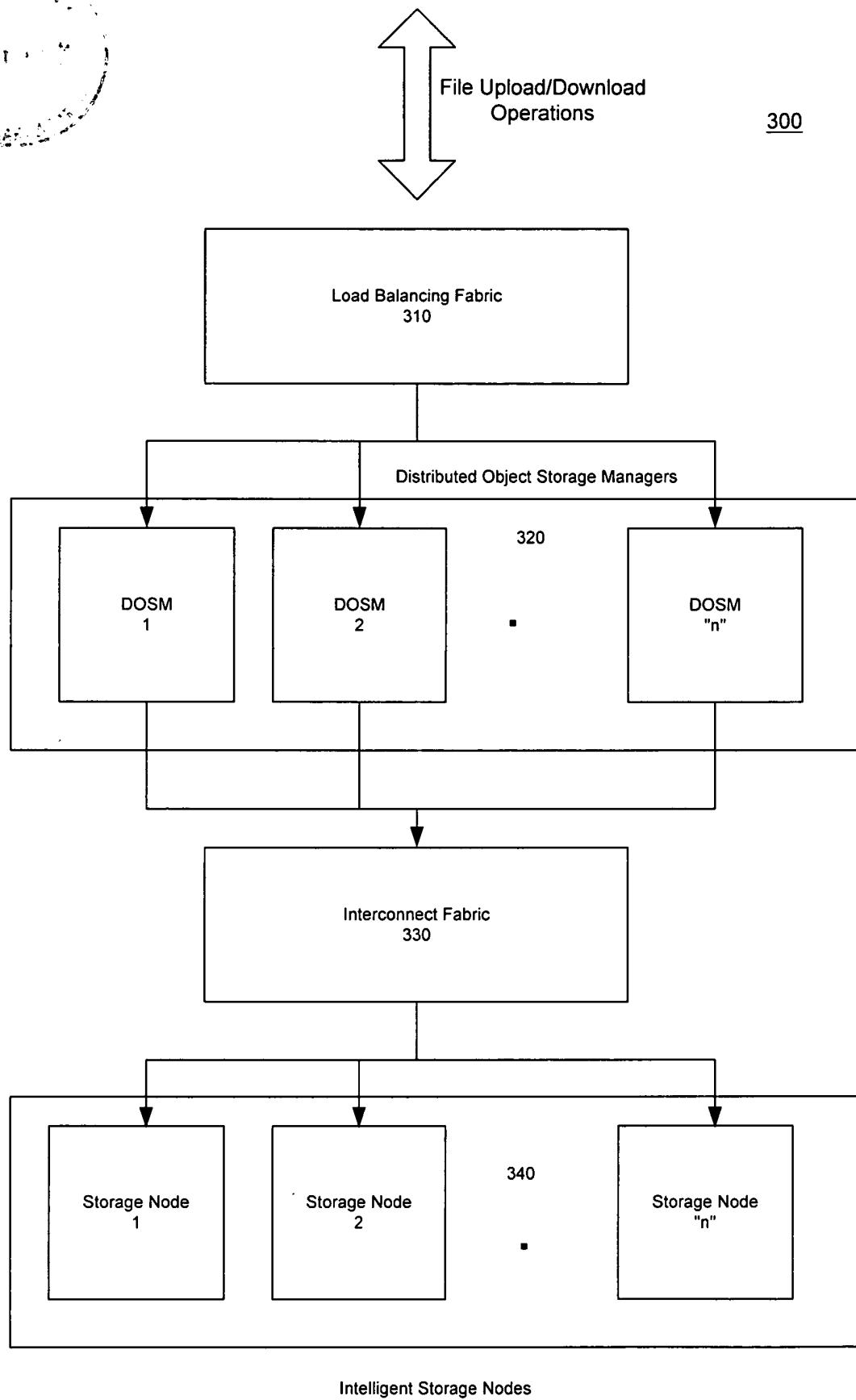
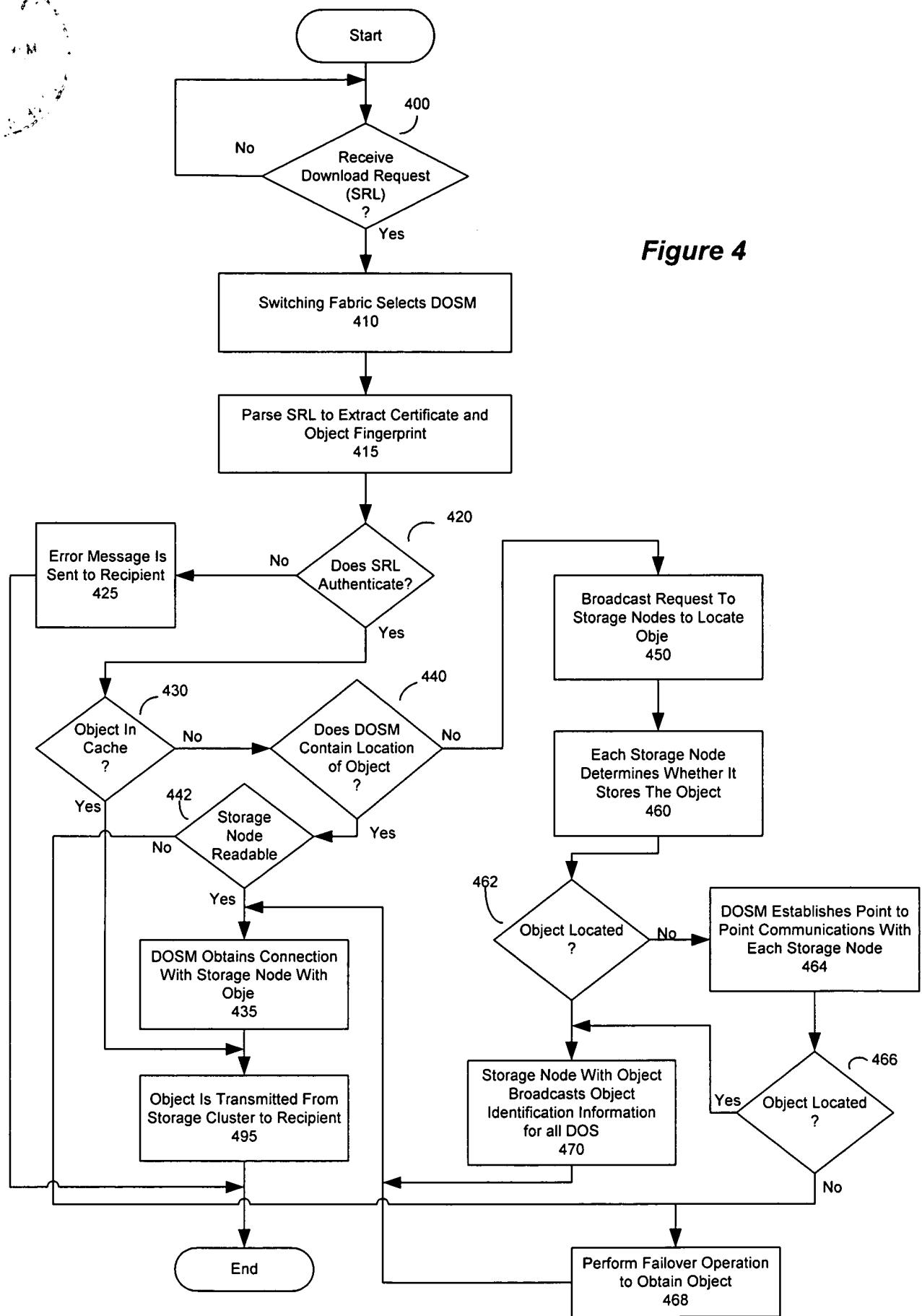


Figure 2



Intelligent Storage Nodes

Figure 3



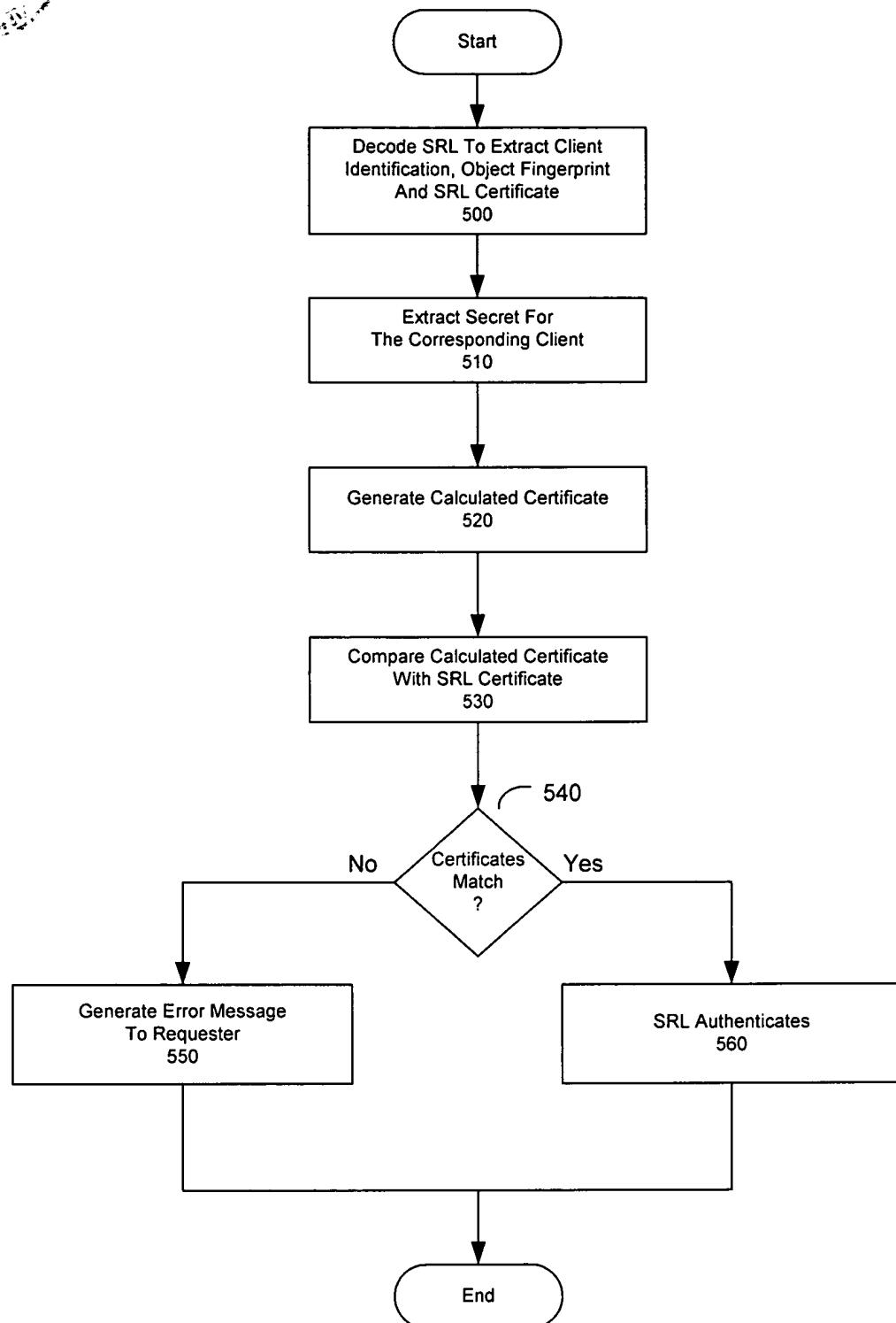
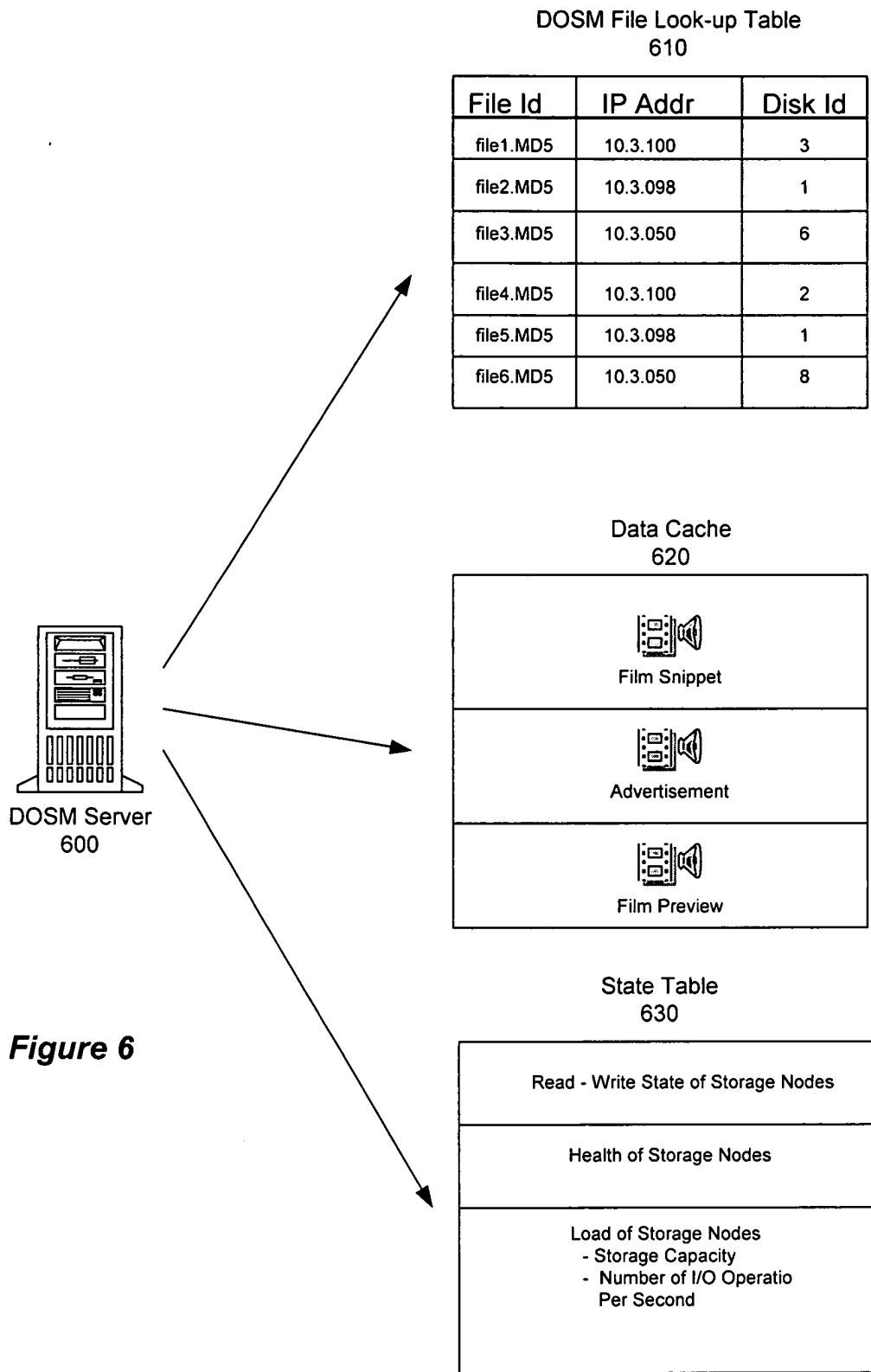


Figure 5



700

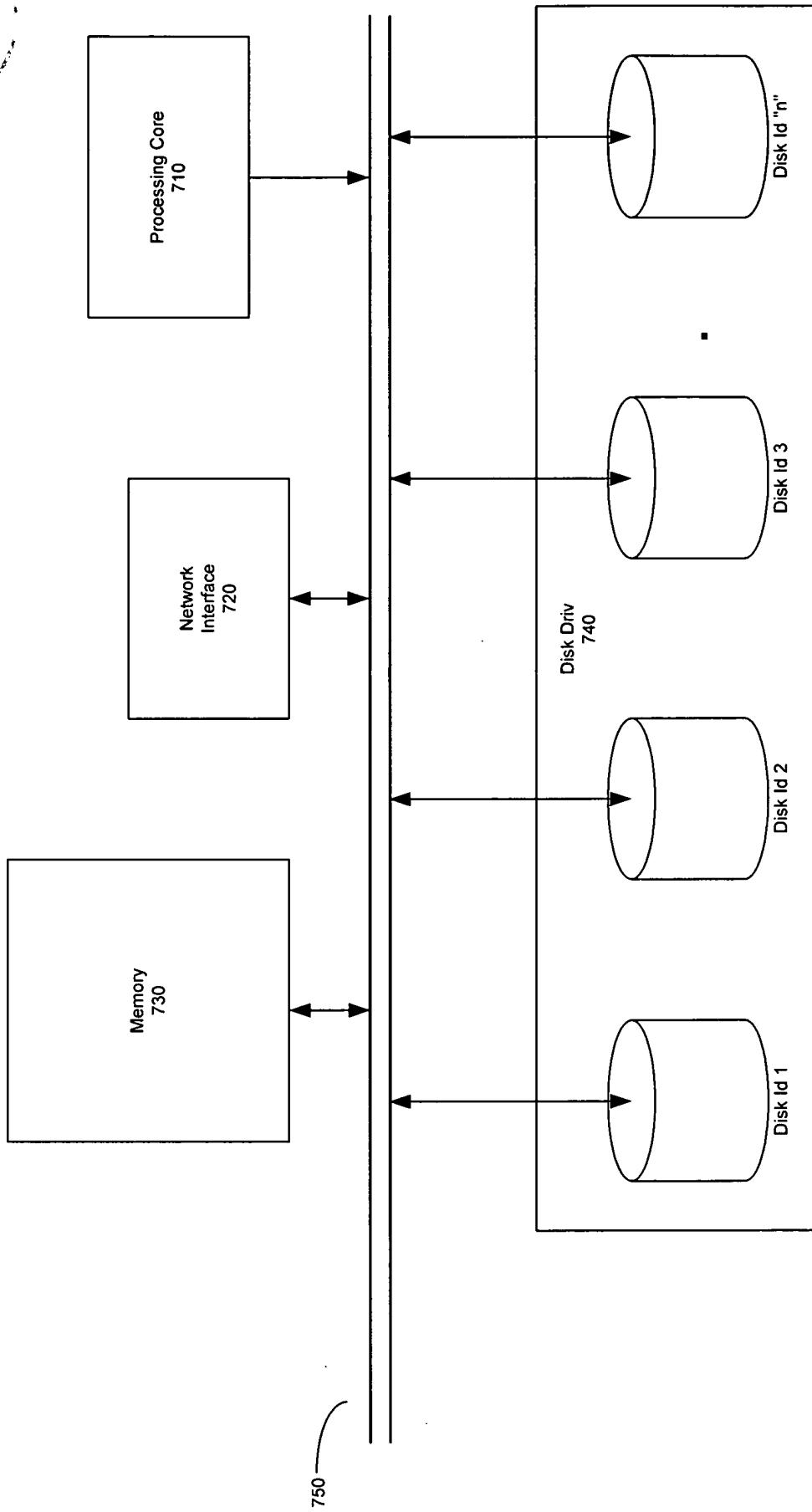


Figure 7

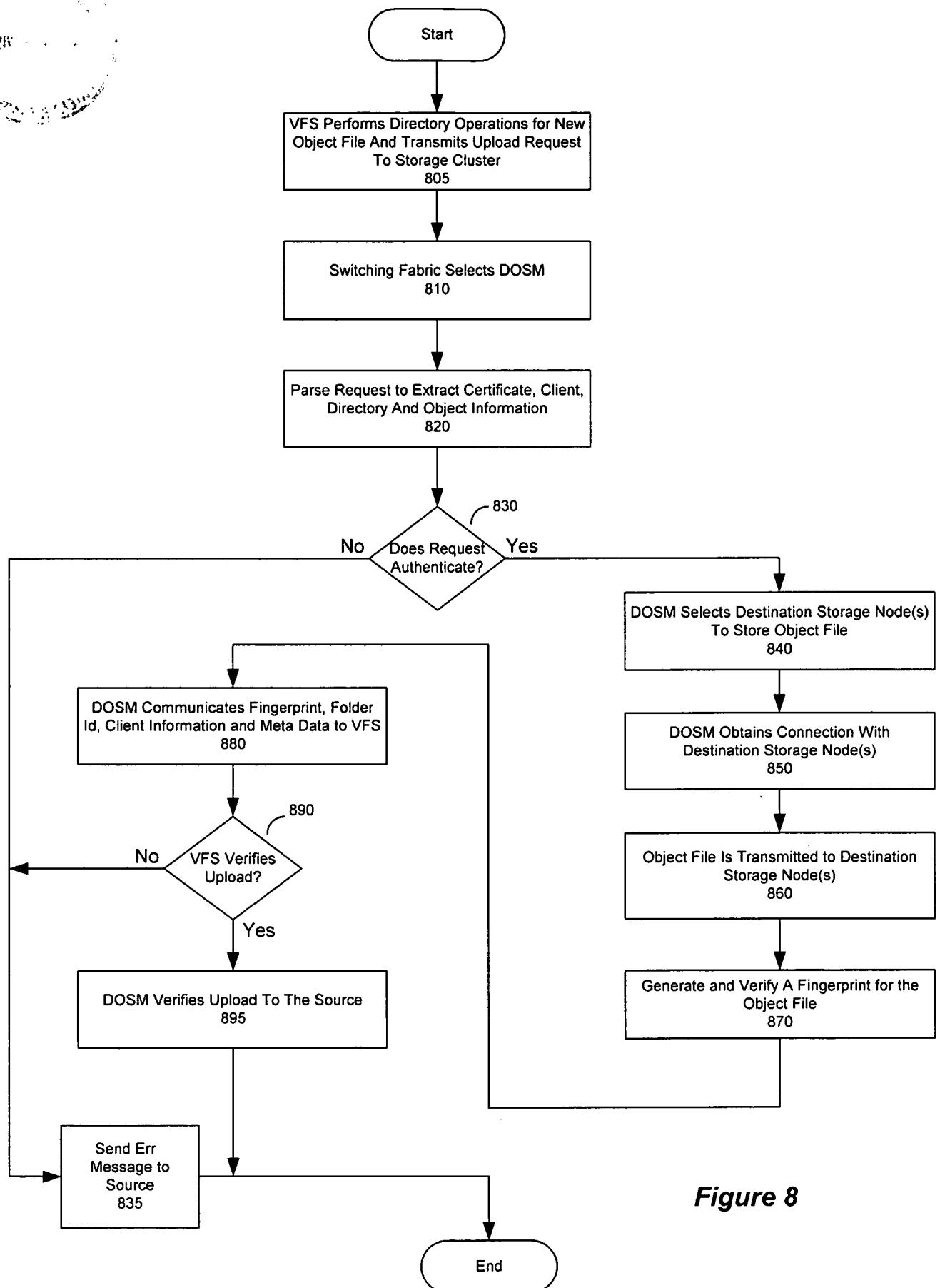


Figure 8

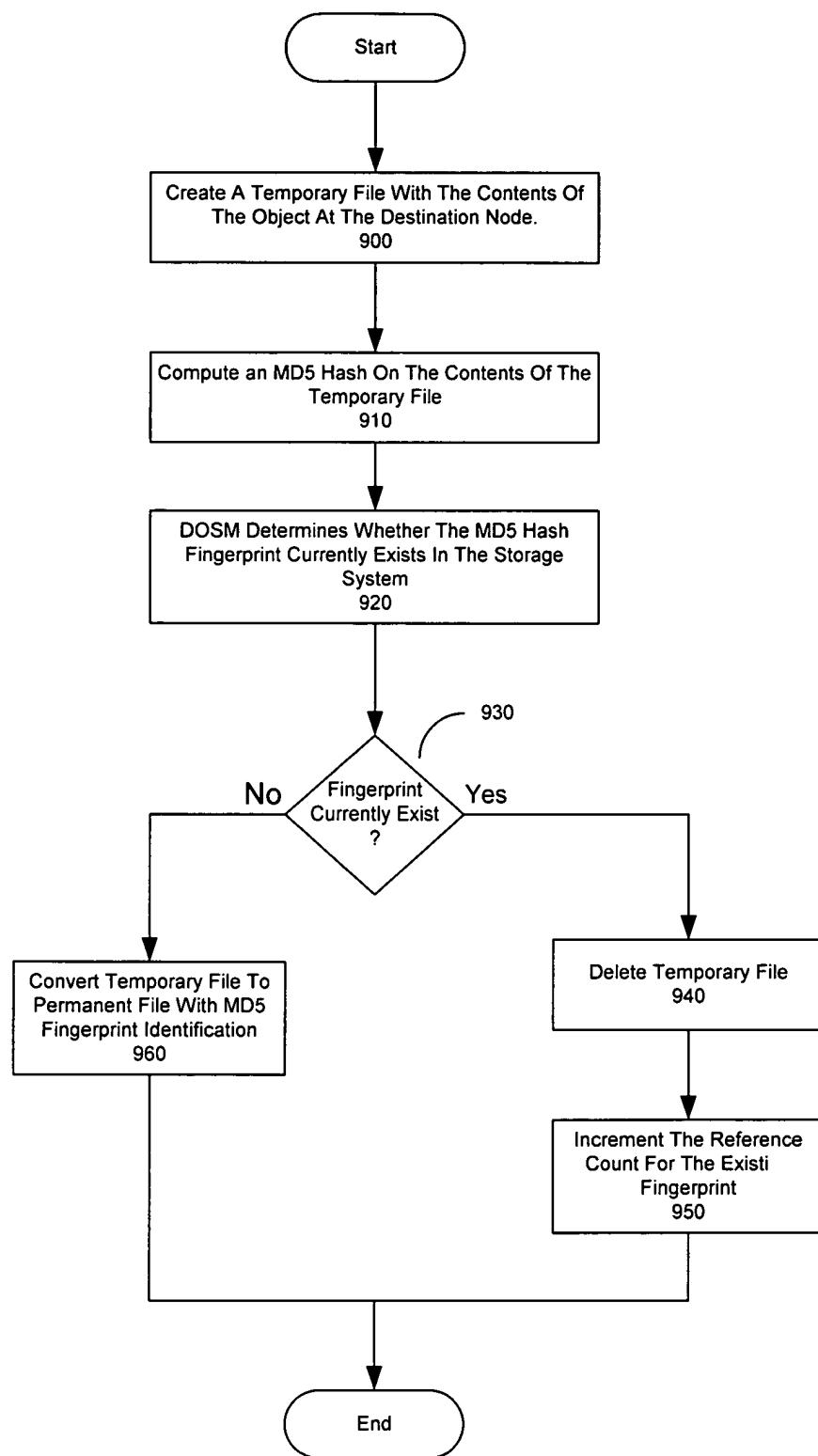


Figure 9

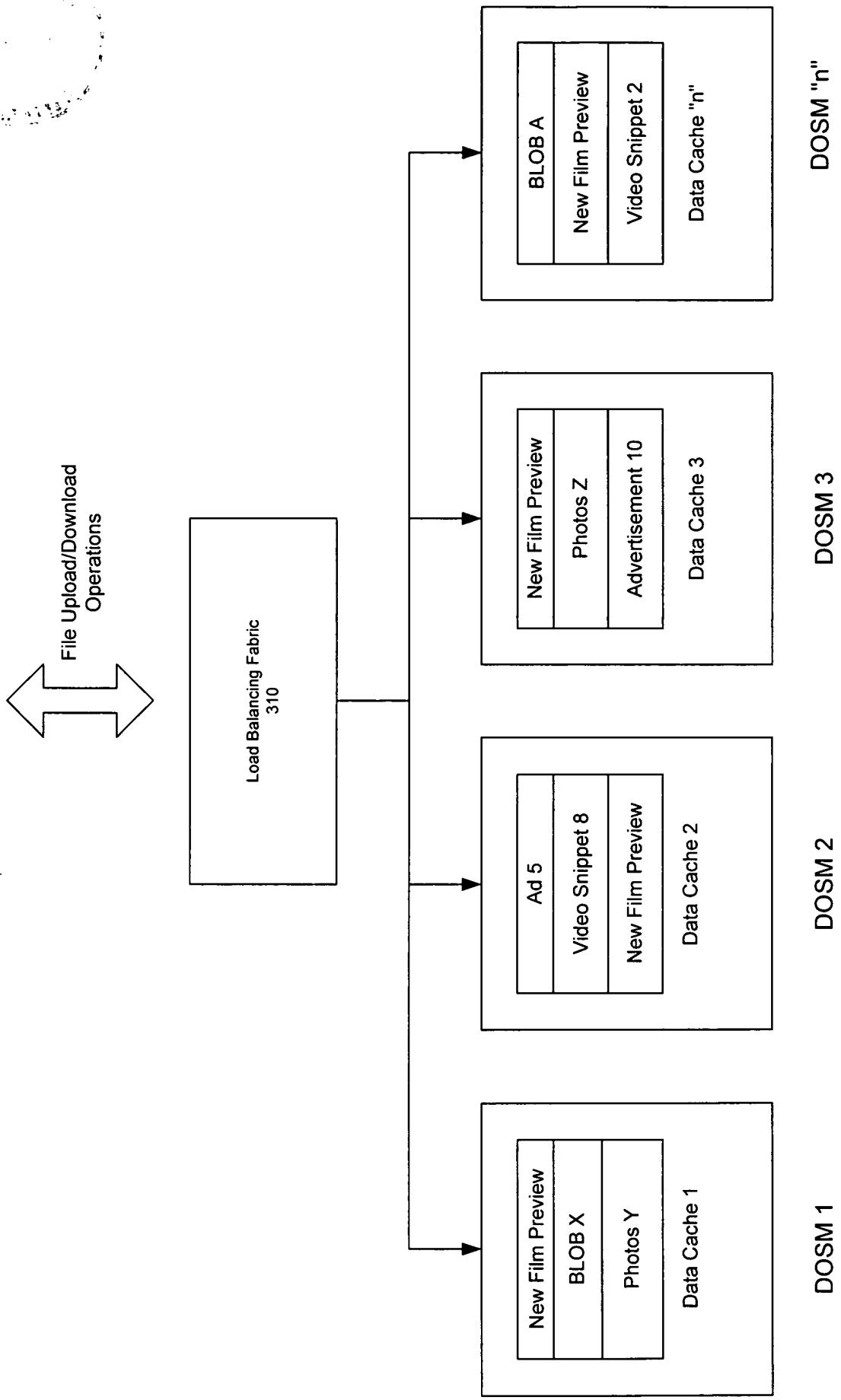


Figure 10

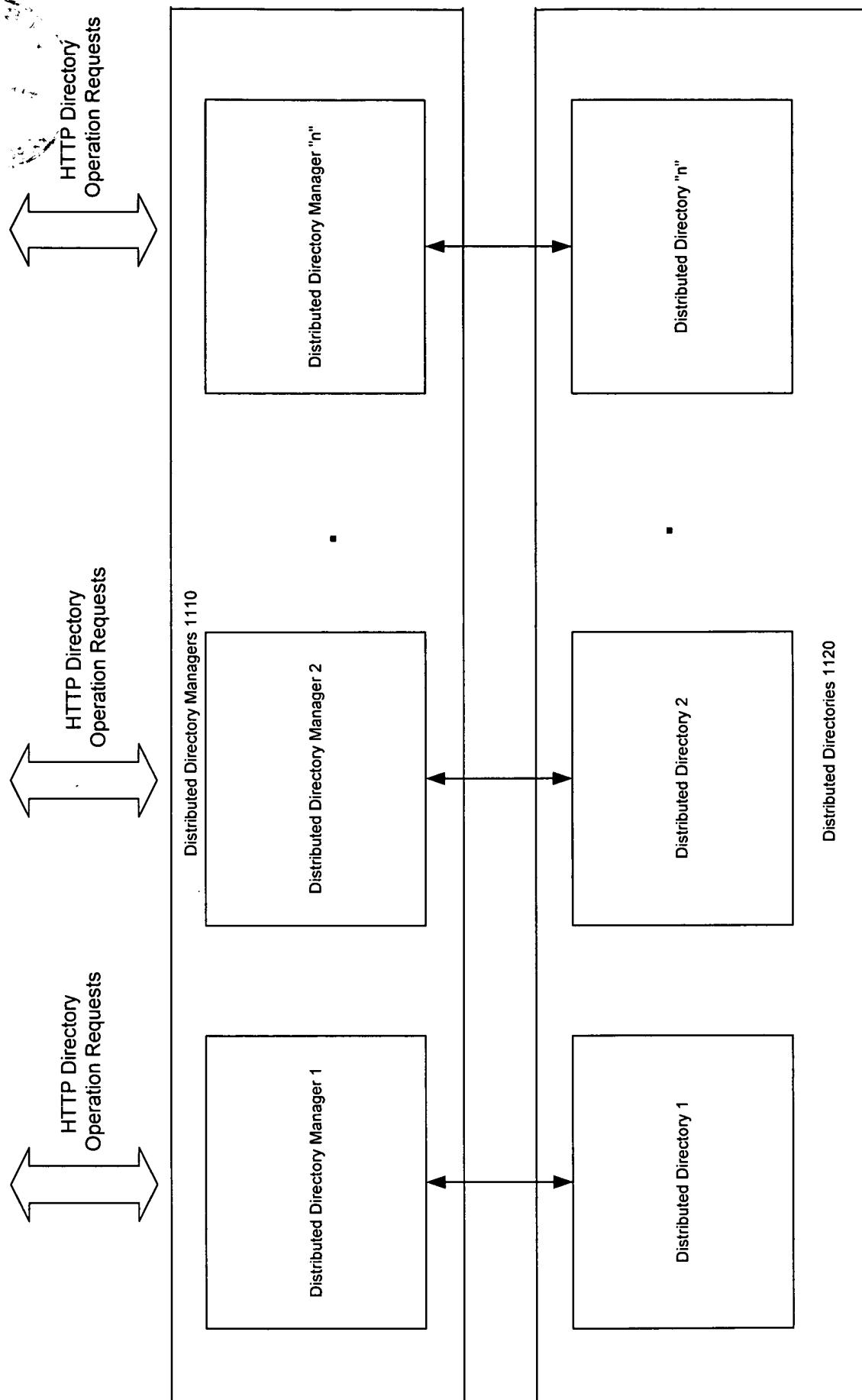


Figure 11

1100

Customer Table

Customer Id	Customer Name	Customer Reserved Fiel
1	Customer	[Customer stores data ...]
2	Customer	[Customer stores data ...]
3	Customer C	[Customer stores data ...]
4	Customer D	[Customer stores data ...]

1200

Folder Tab

Customer Id	Folder Id	Folder Parent Id	Metadata
3	2	-	[Reserved]
3	100	2	[Reserved]
3	251	2	[Reserved]
3	166	251	[Reserved]

1210

File Table

Customer Id	File Handle	Folder Id	Folder Parent Id	Metadata
3	52.MD5	100	2	[Reserved]
3	55.MD5	100	2	[Reserved]
3	99.MD5	166	251	[Reserved]
3	67.MD5	166	251	[Reserved]

1220

Figure 12

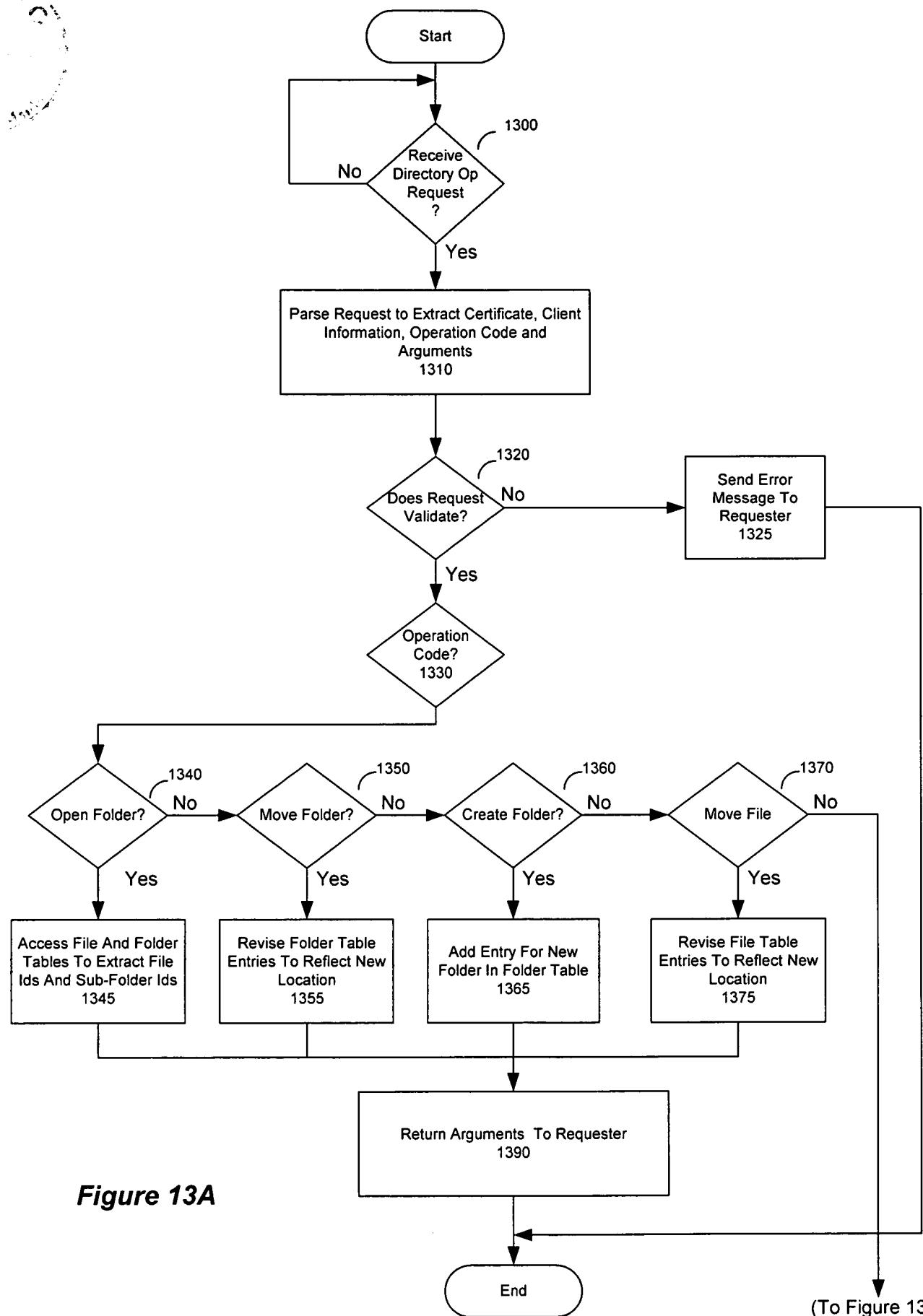


Figure 13A

(From Figure 13A)

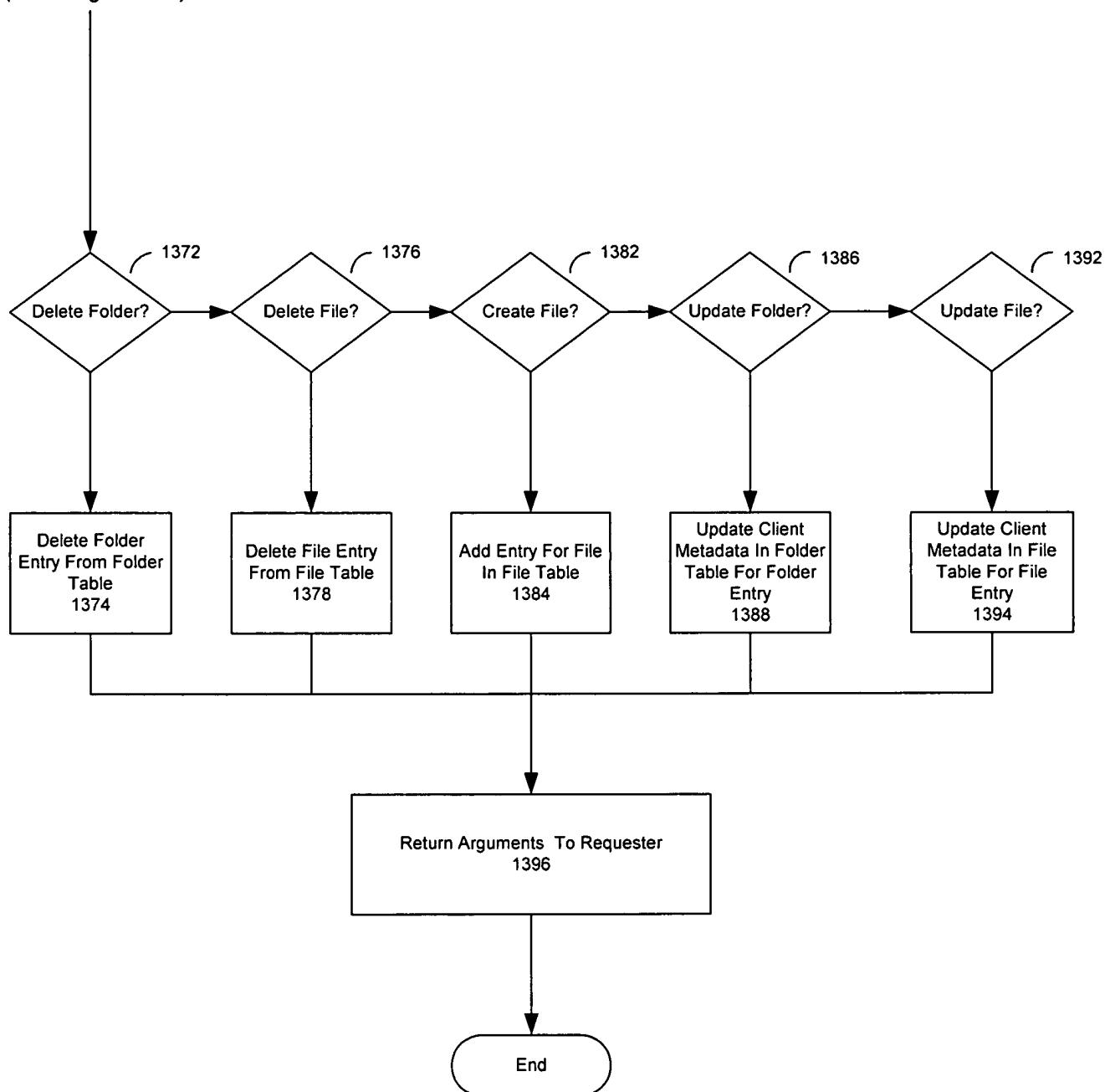


Figure 13B

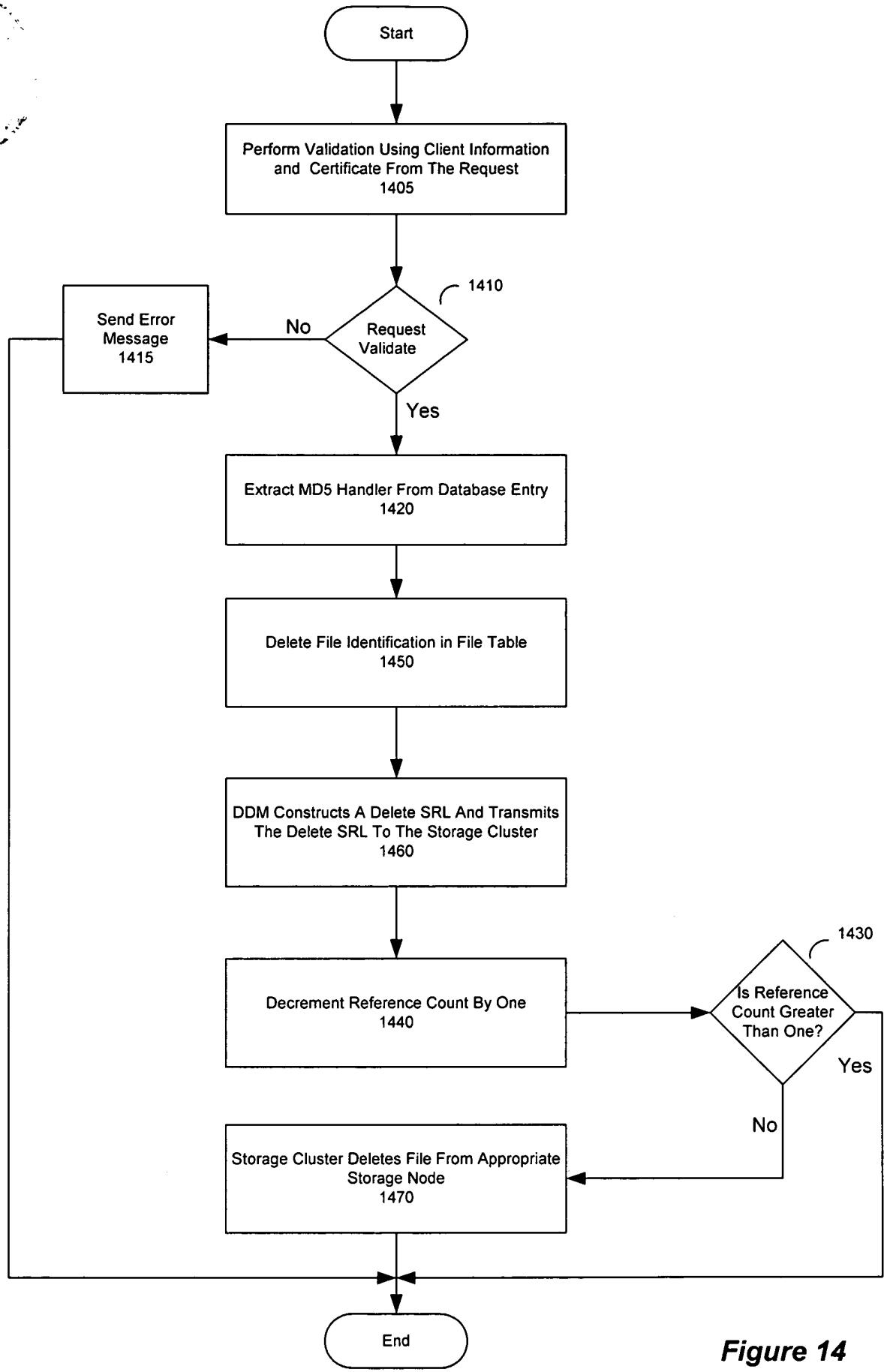


Figure 14

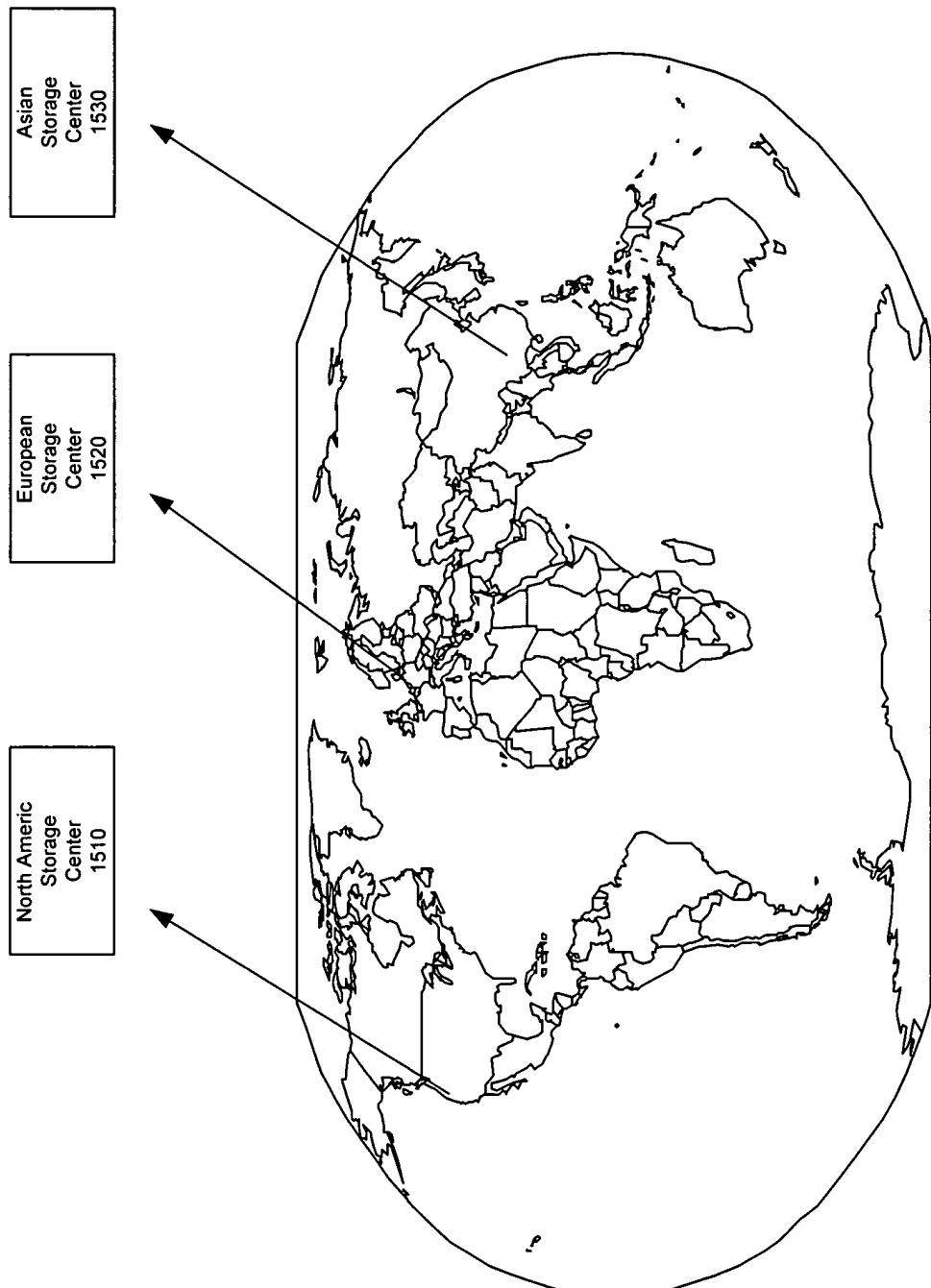
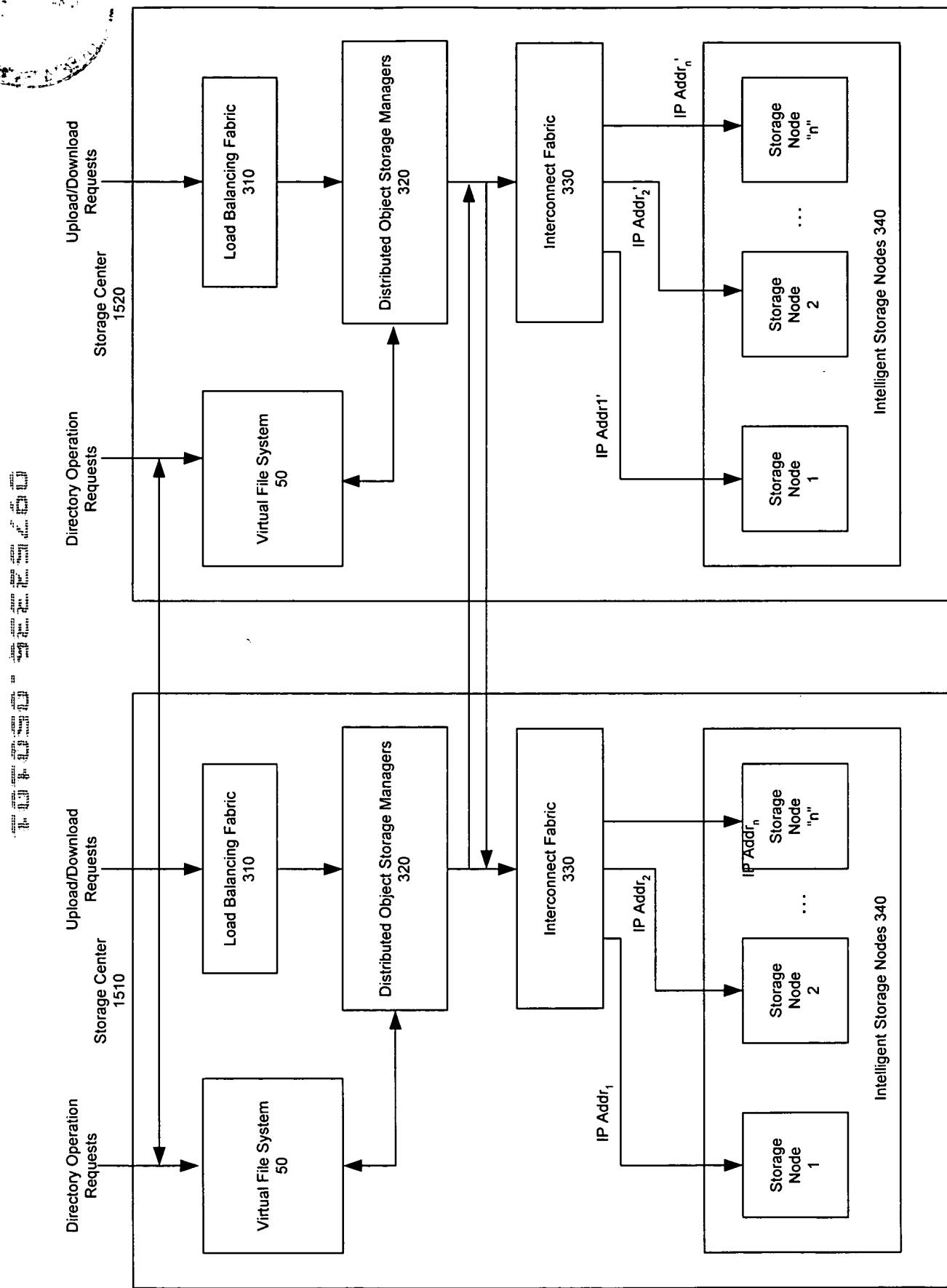


Figure 15

Figure 16



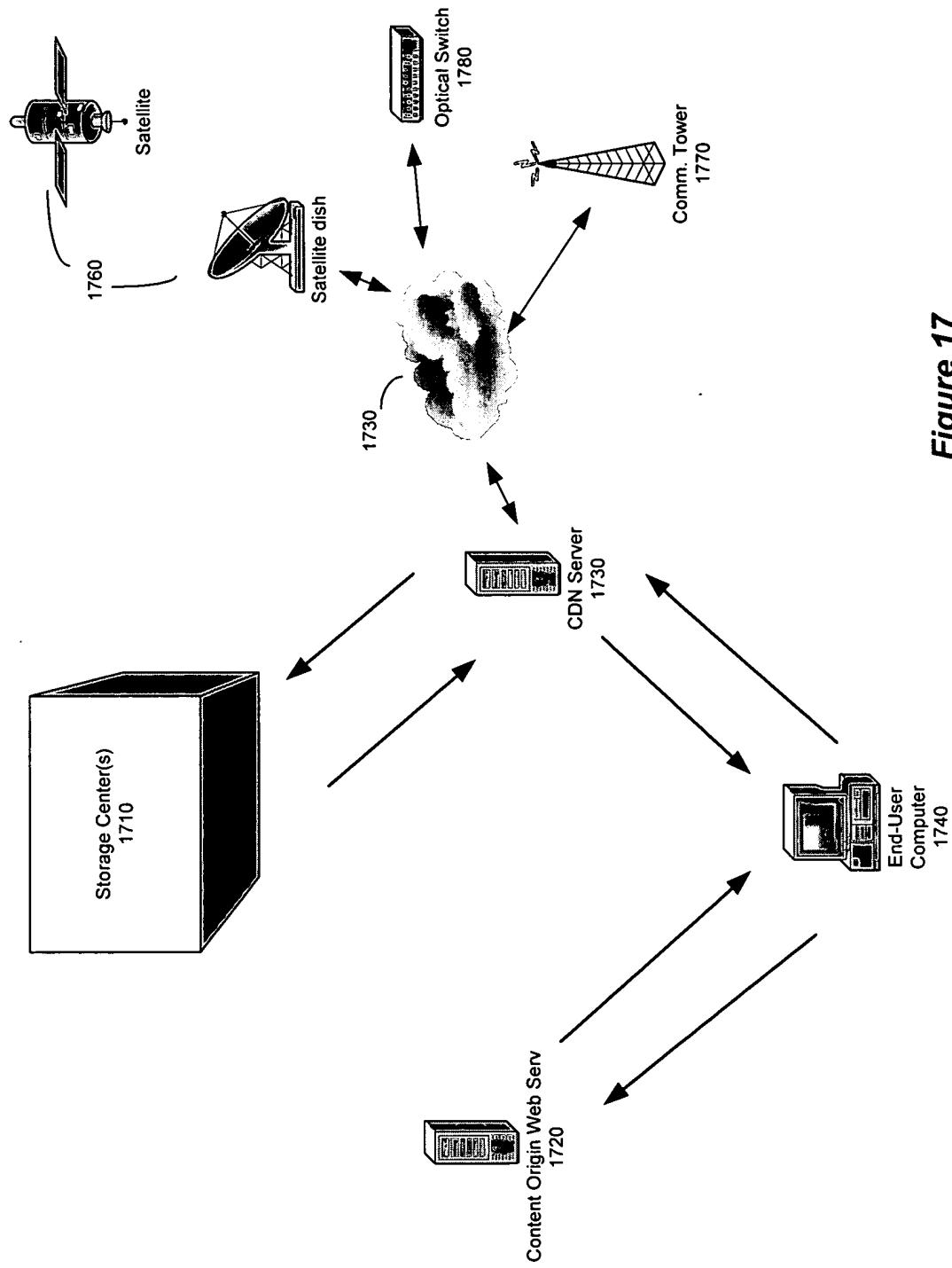


Figure 17

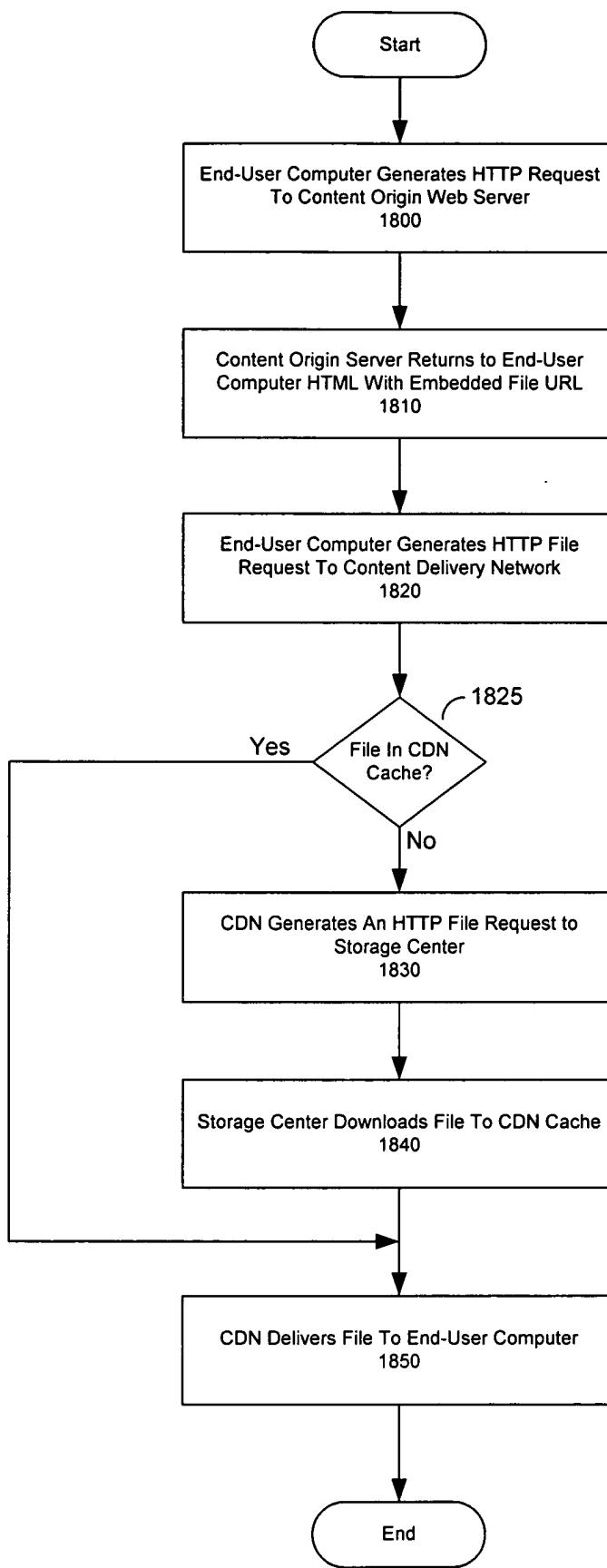


Figure 18

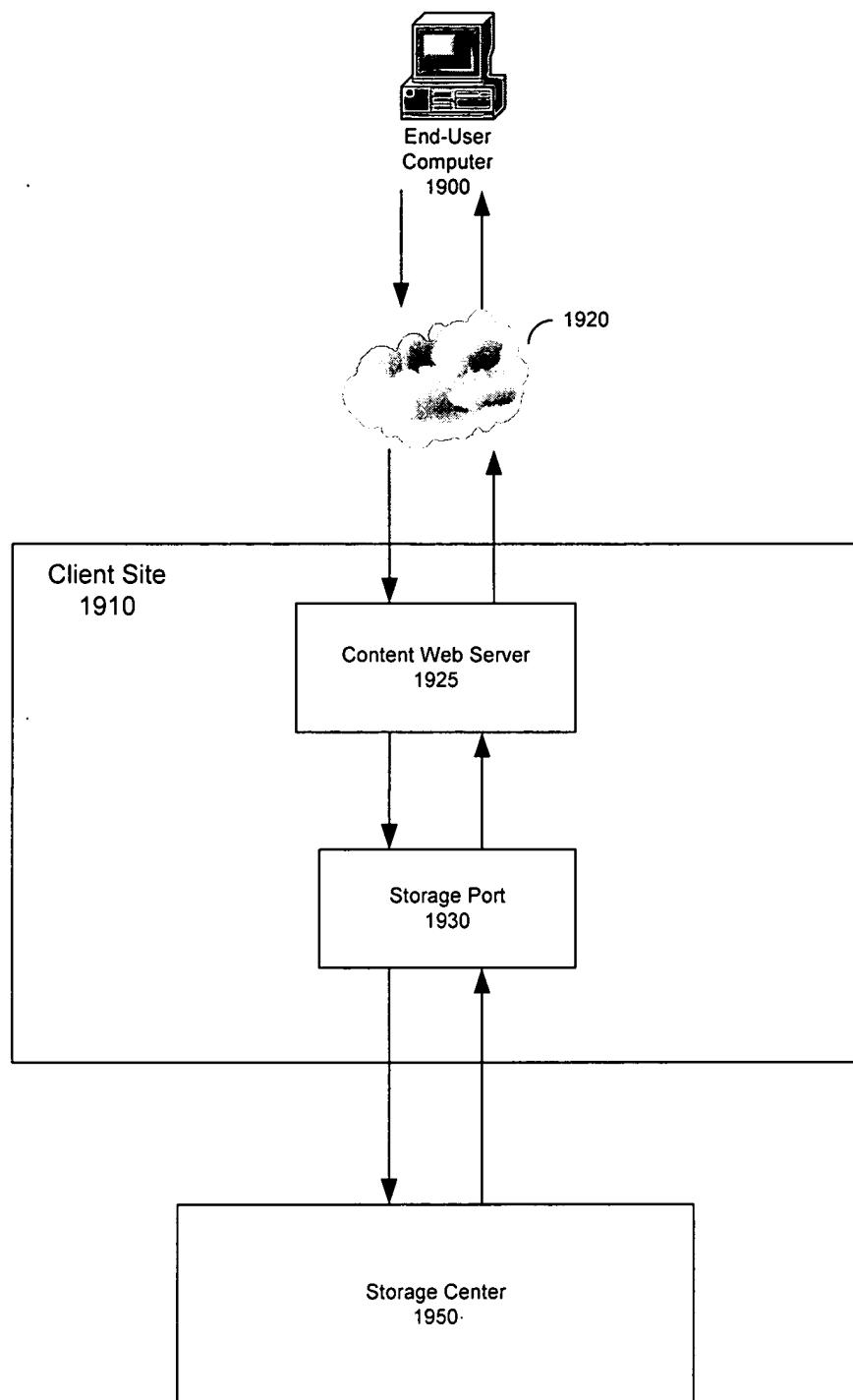


Figure 19

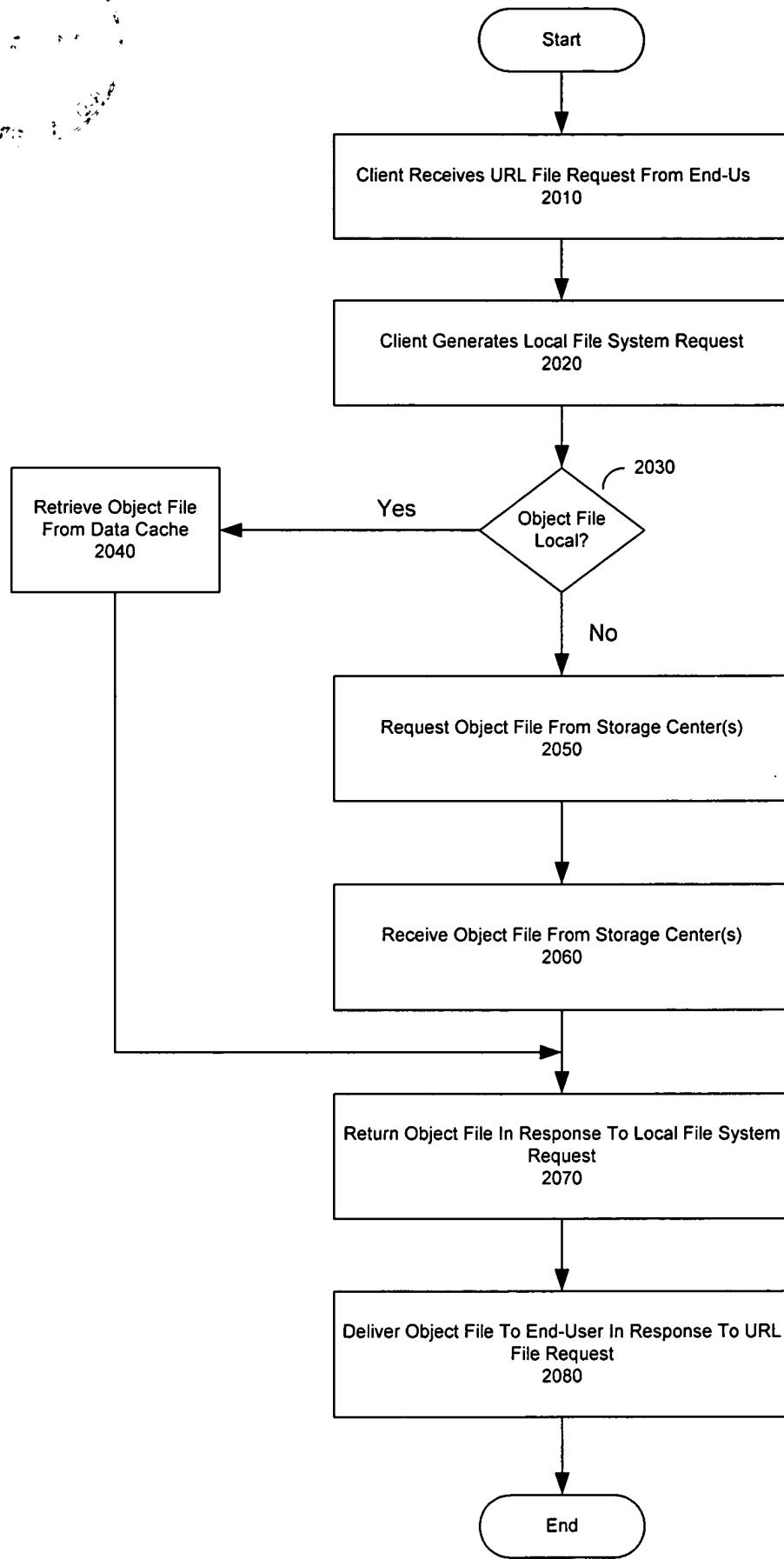


Figure 20

2100 Content Web Server
2110 Storage Port
2120 Content Web Server
2130 Storage Center

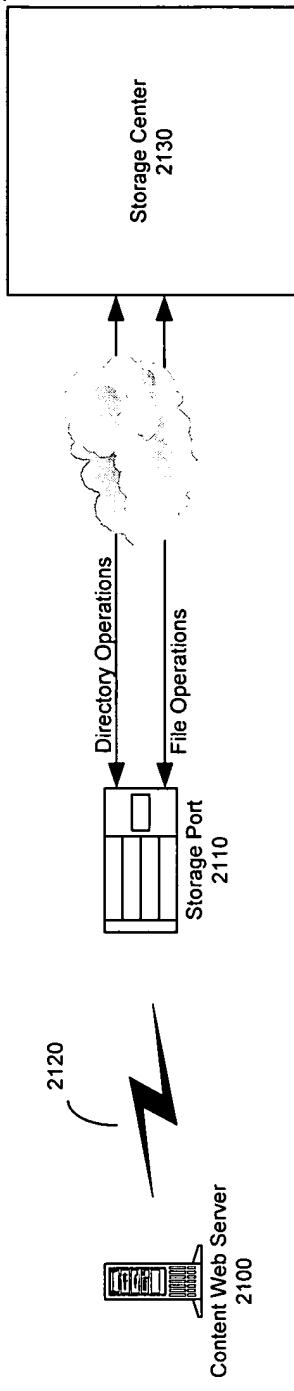


Figure 21a

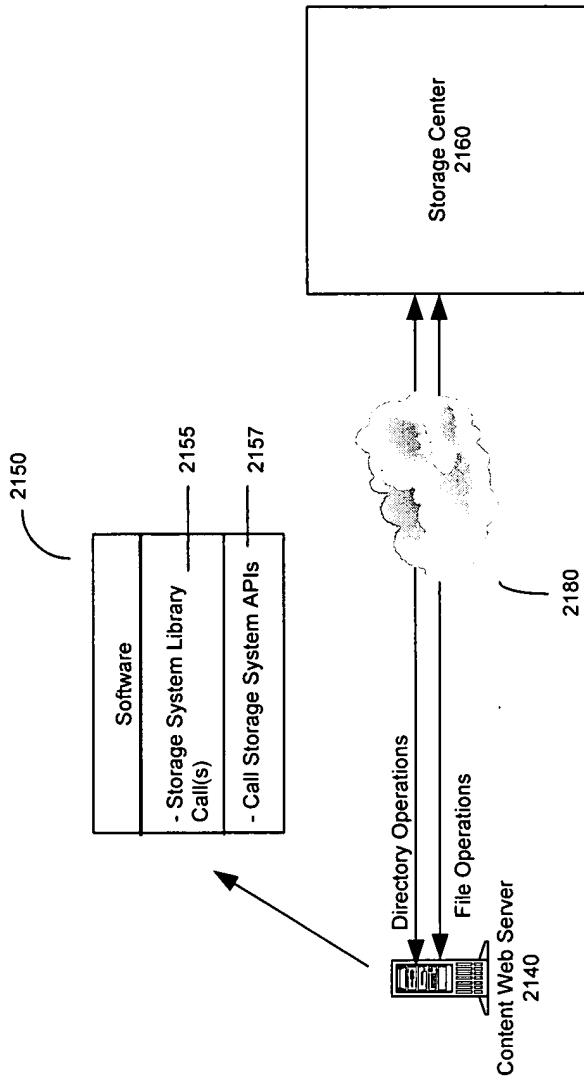


Figure 21b

Storage Port
2200

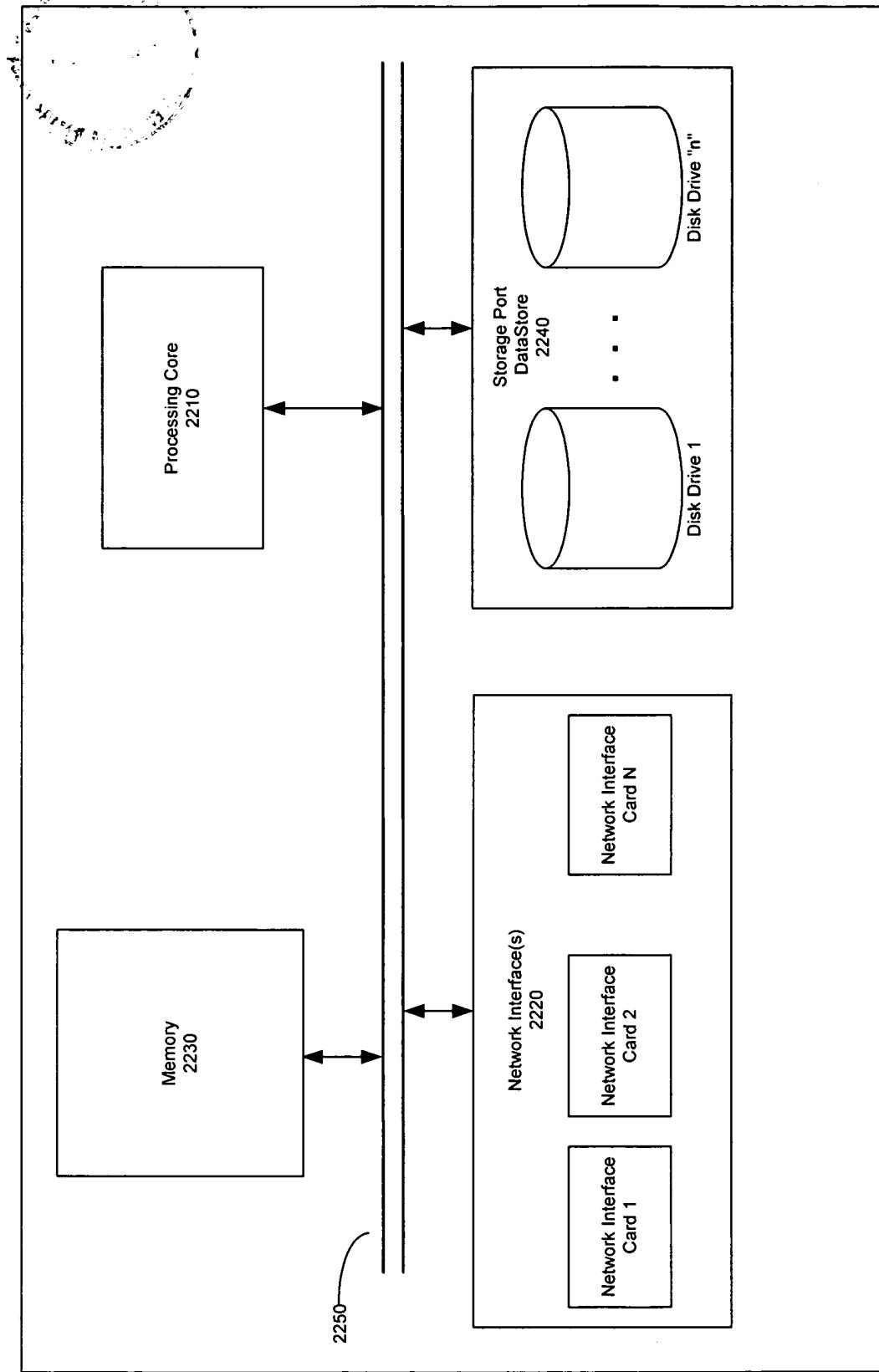


Figure 22

2300

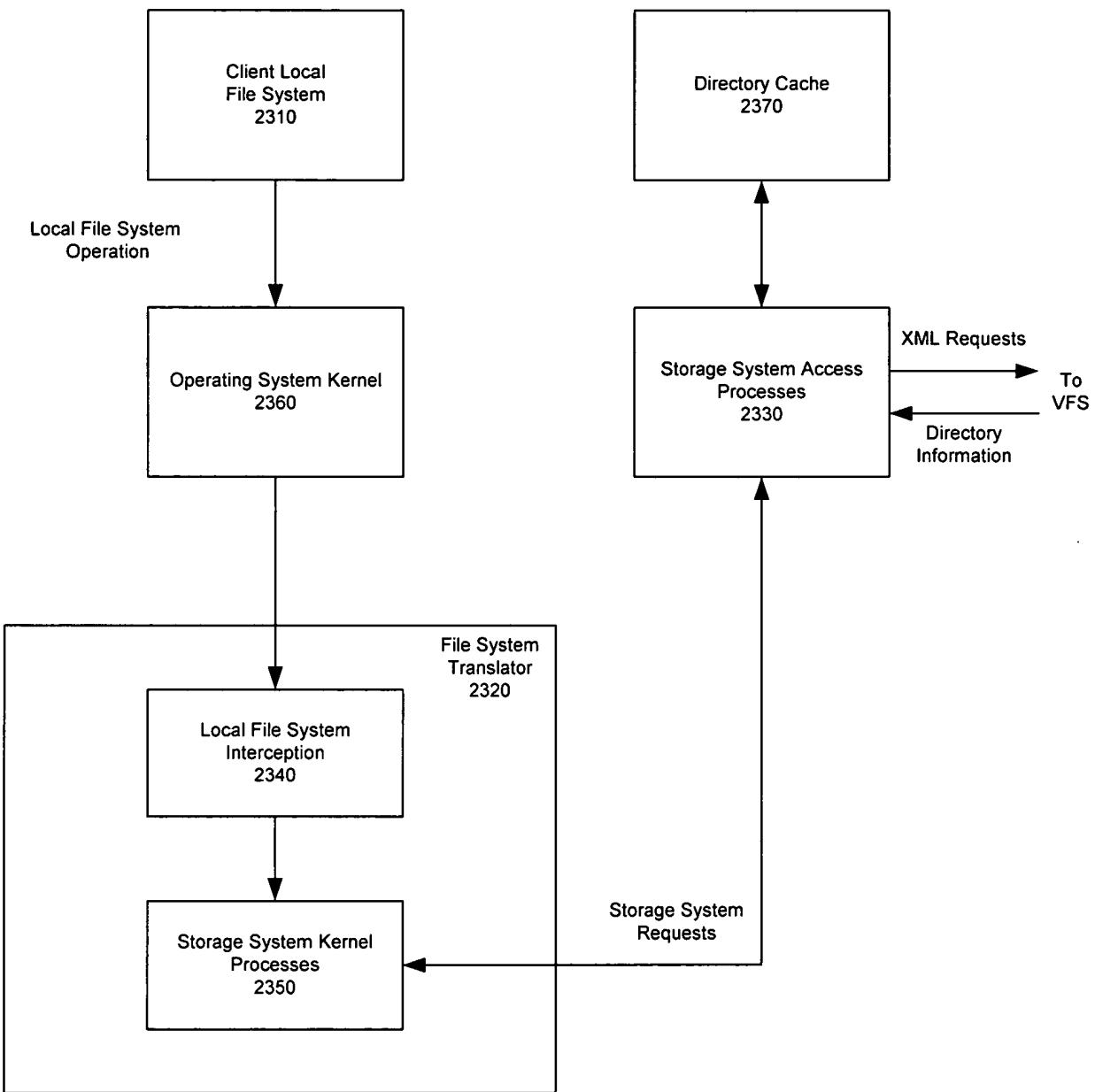


Figure 23

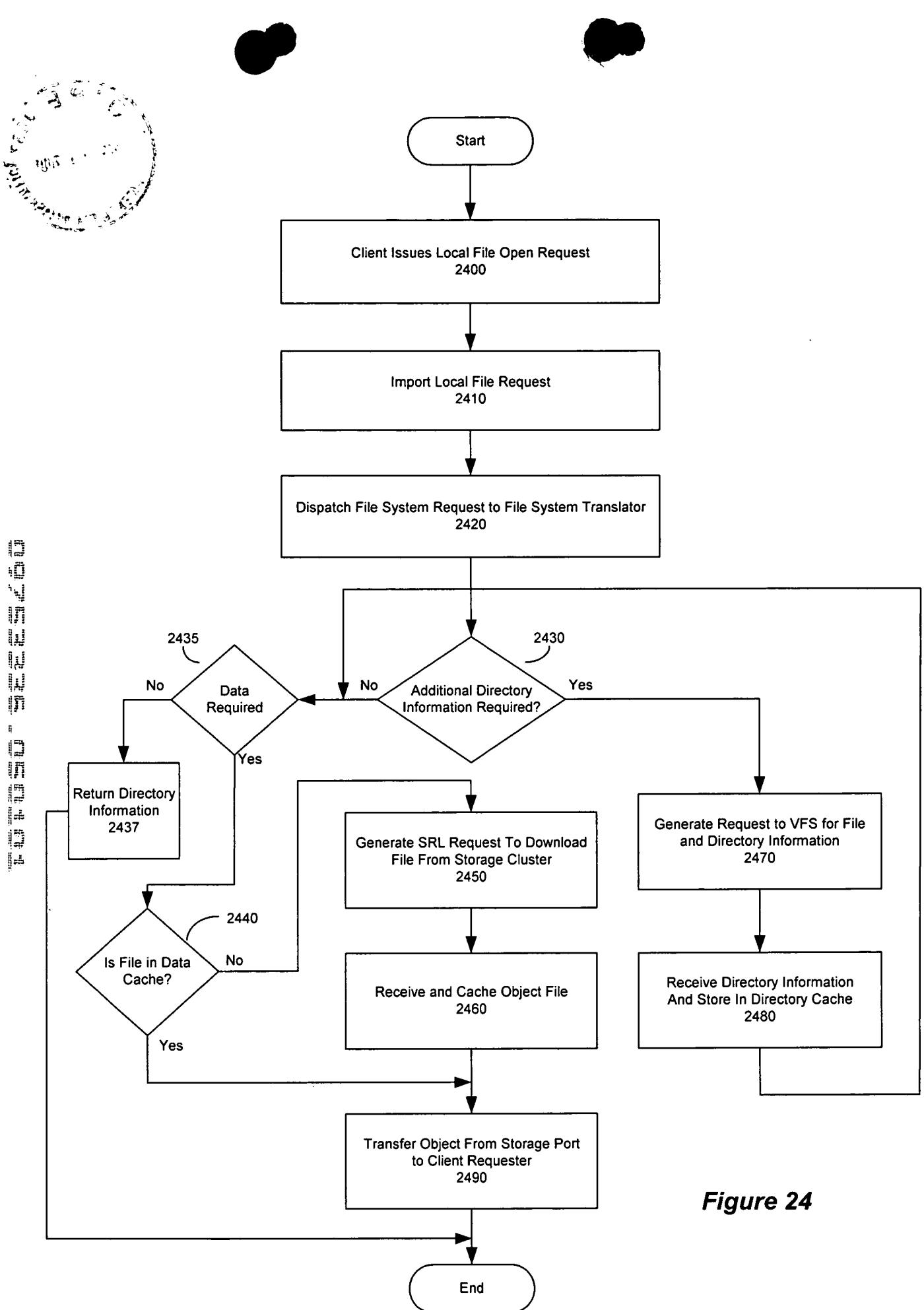


Figure 24

2600

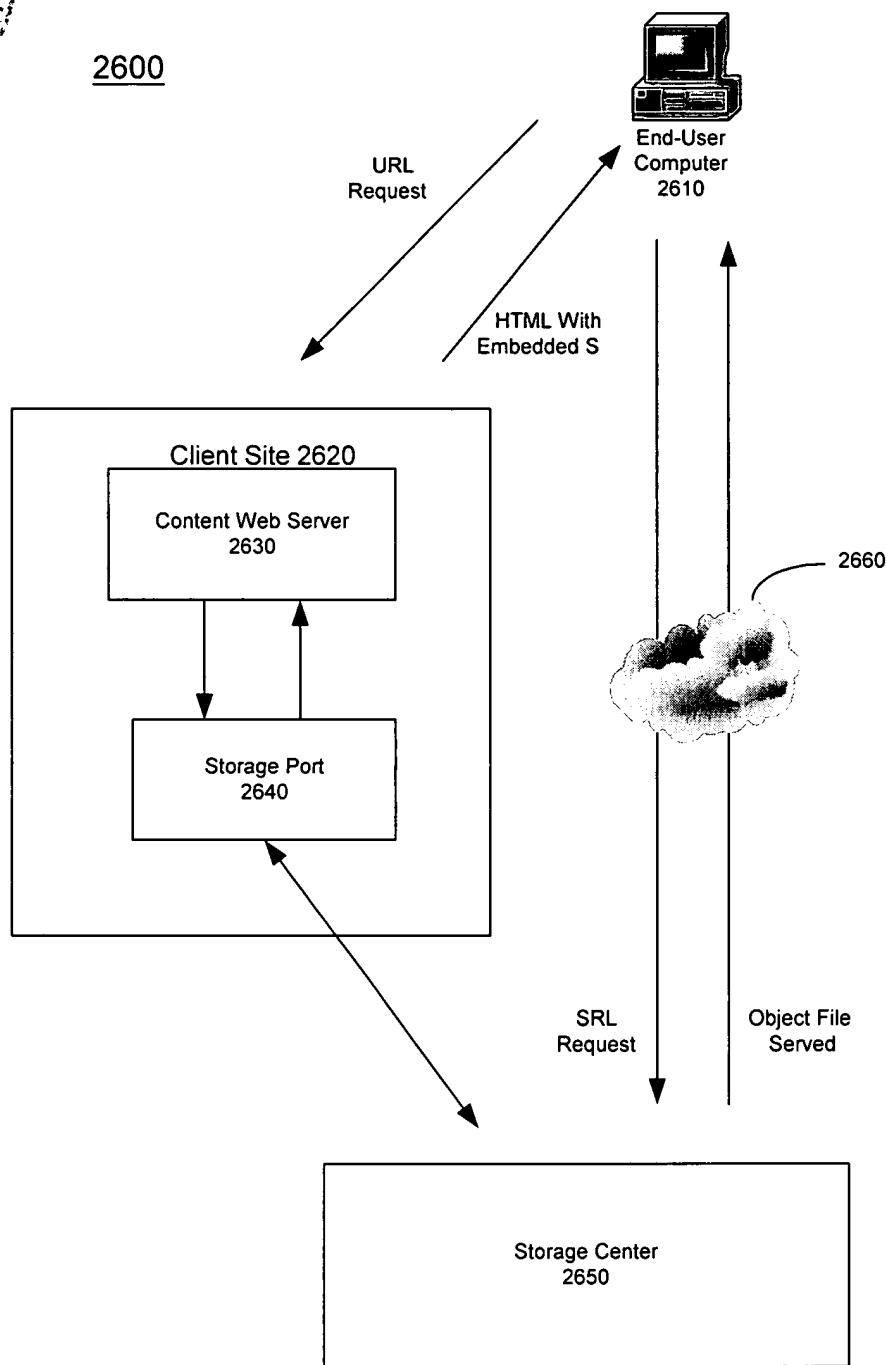


Figure 25

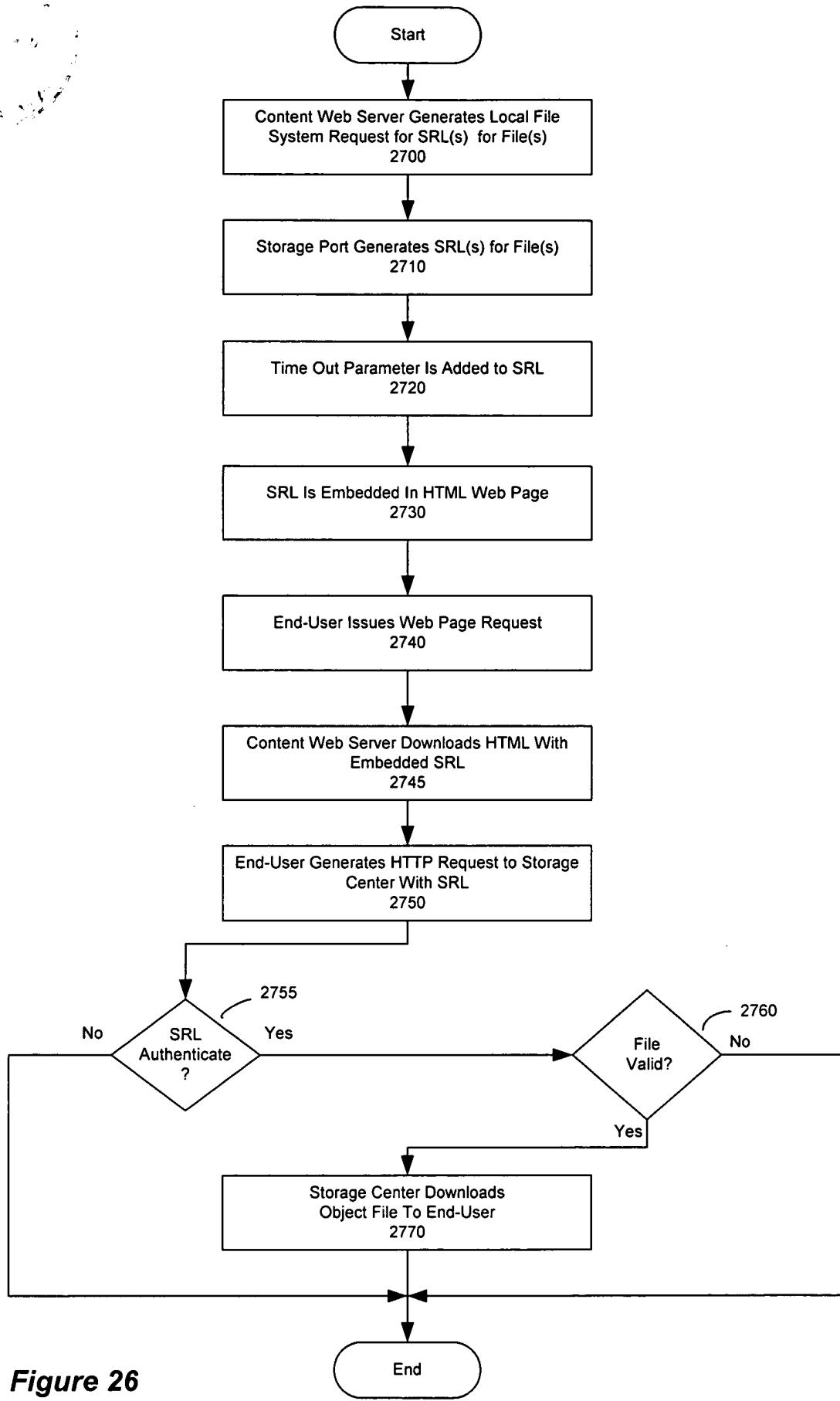


Figure 26

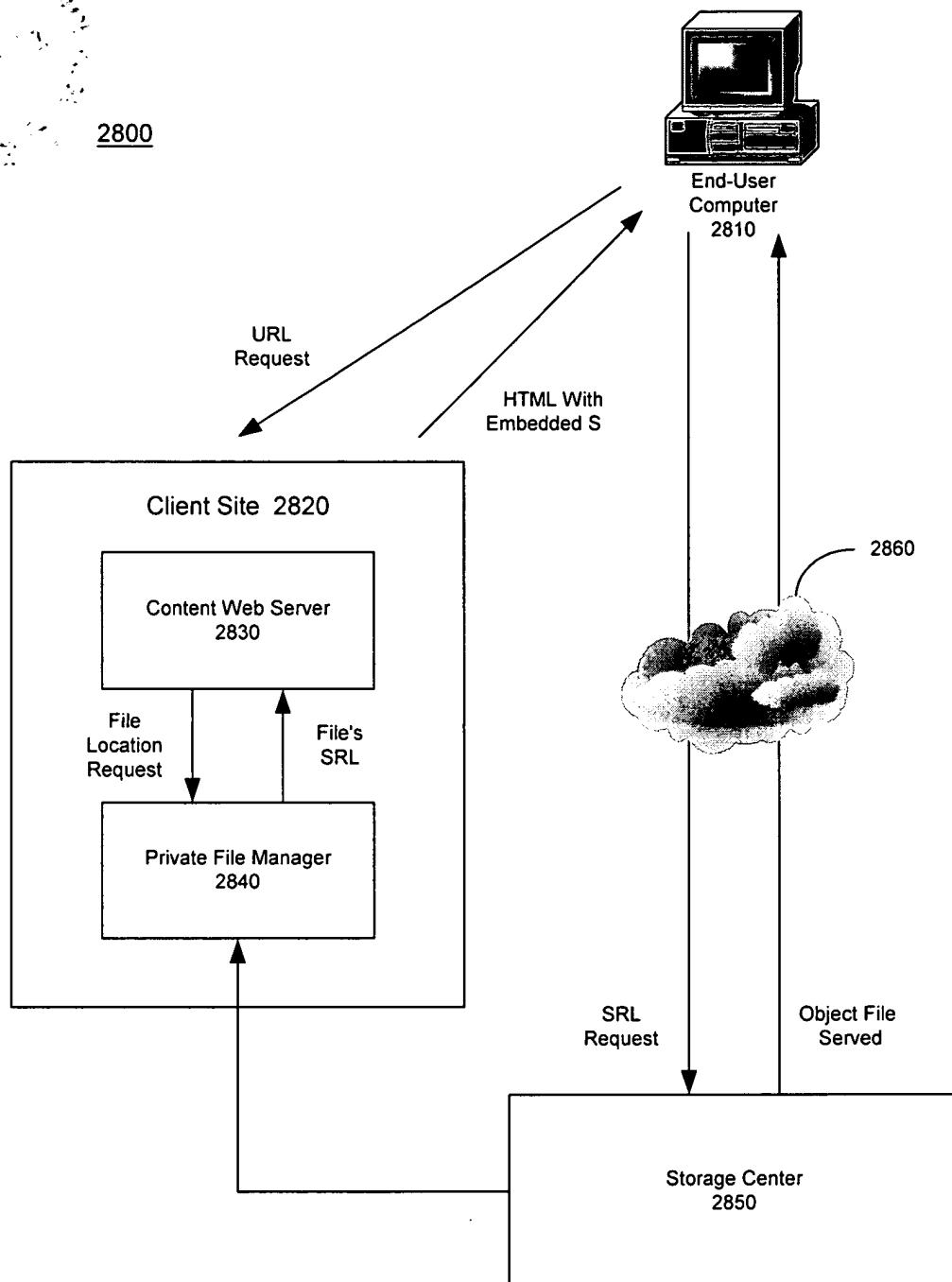


Figure 27

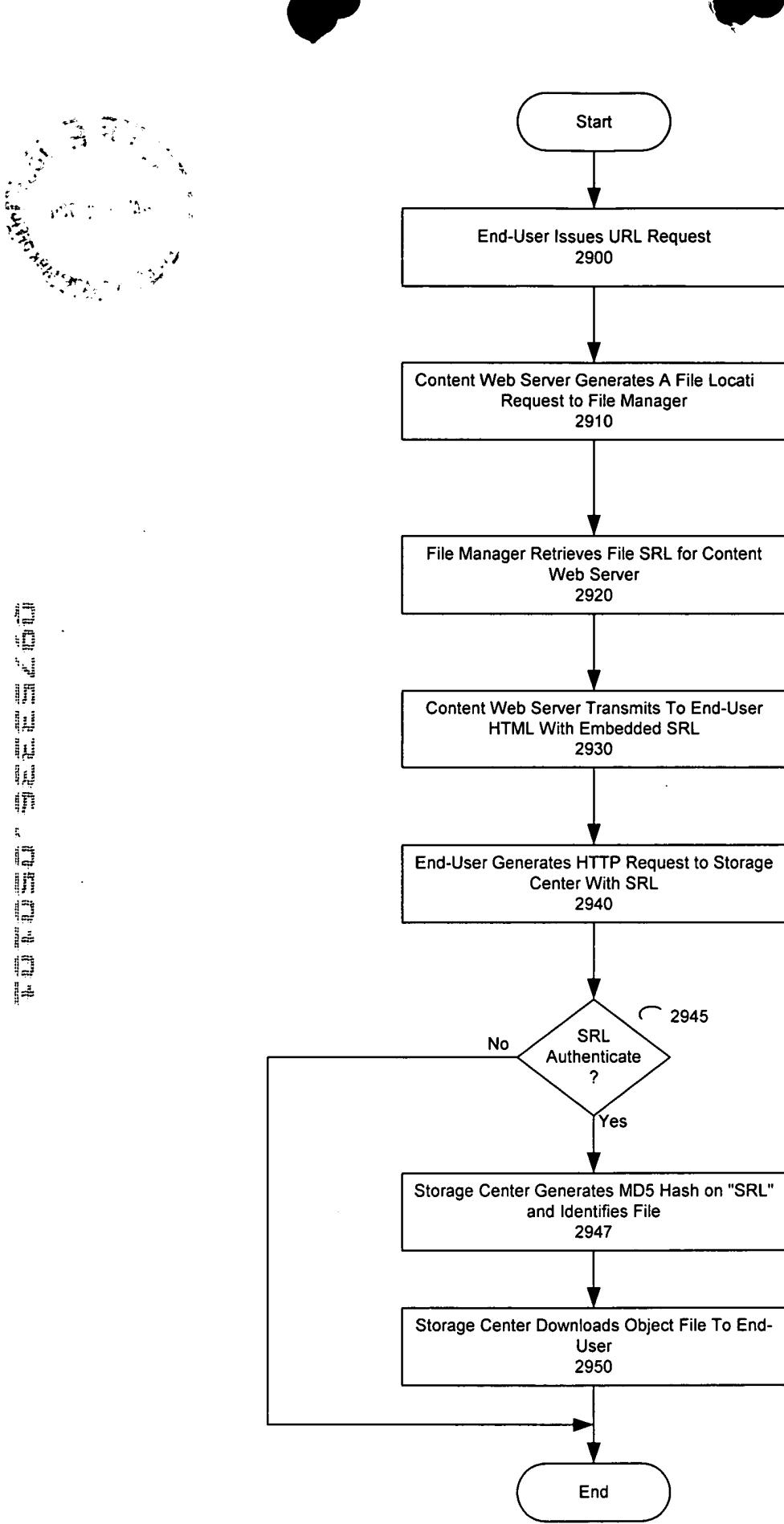


Figure 28

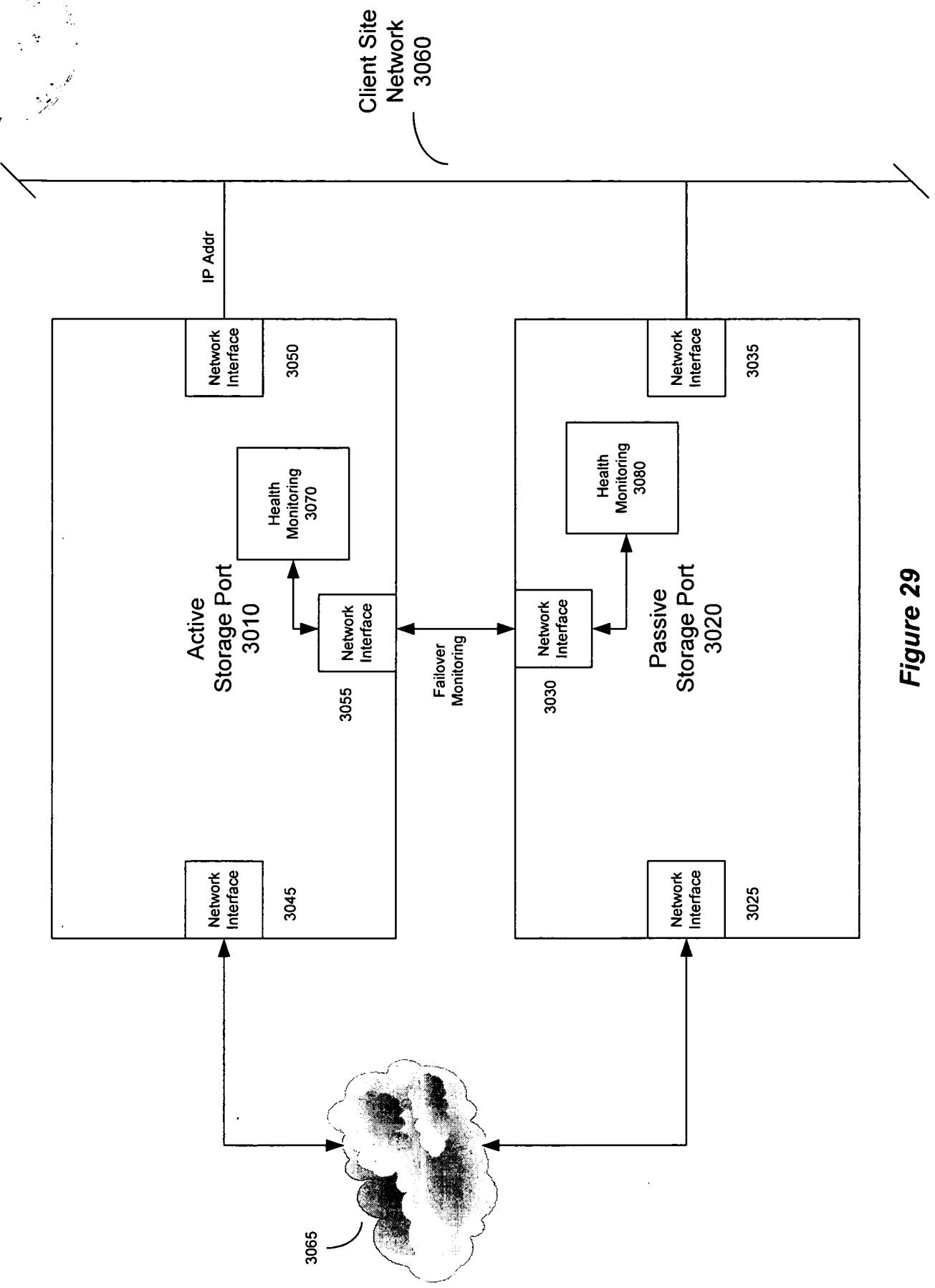


Figure 29

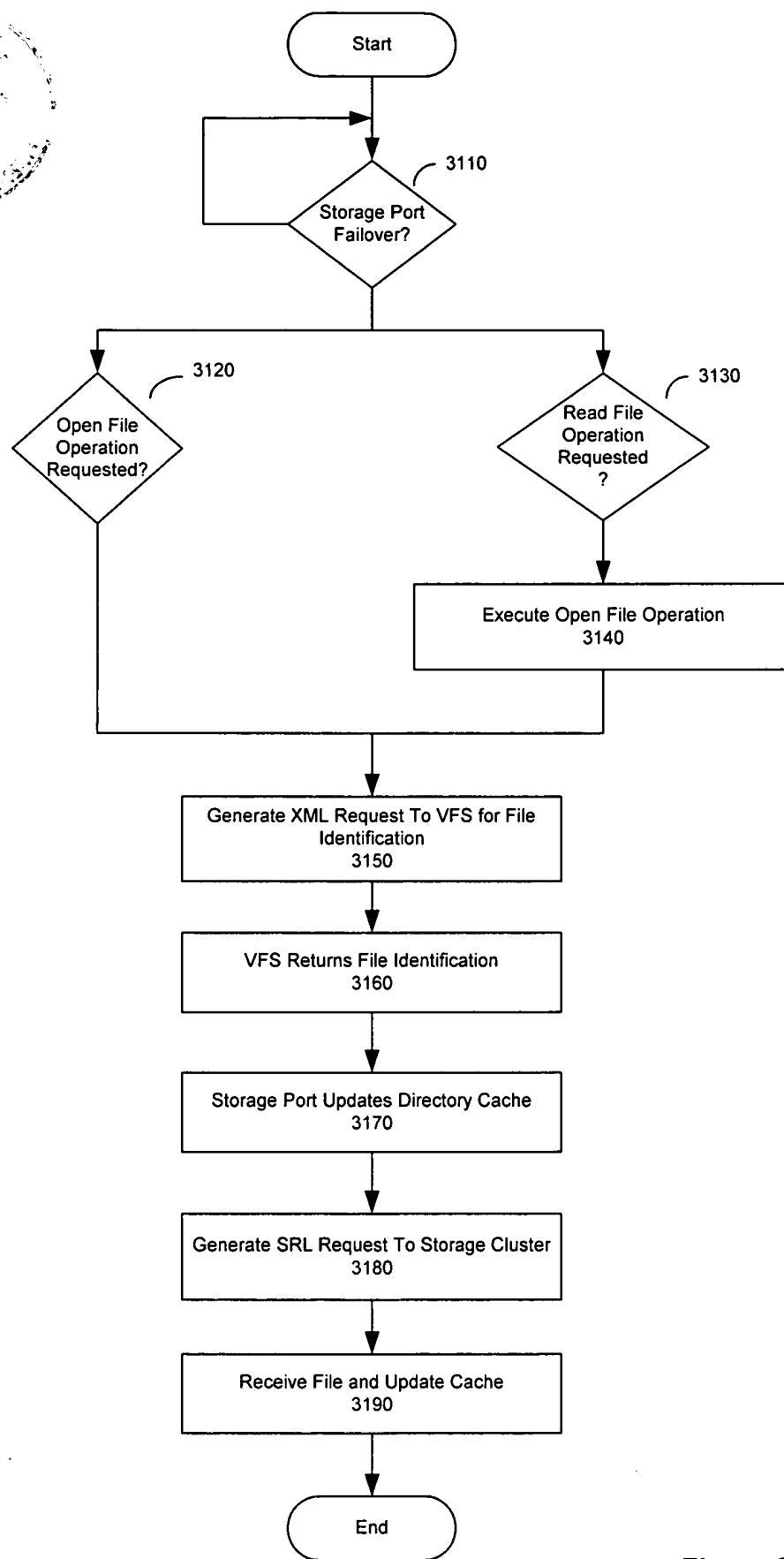


Figure 30

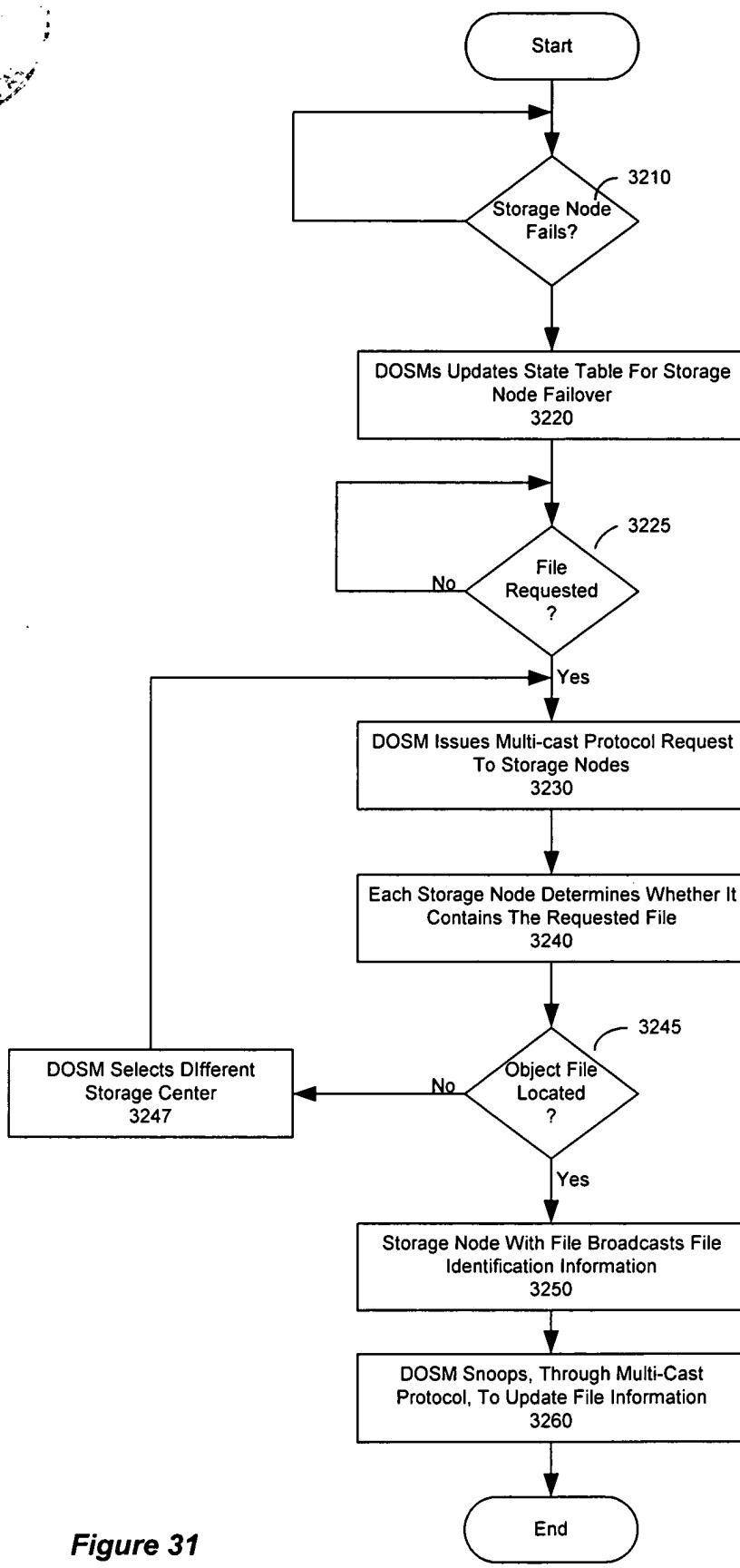


Figure 31